Course Library

ITPRO.TV

Apple

Mac Integration Basics - Mavericks 10.9 (Exam 9L0-409)
Mac Integration Basics - 10.11 El Capitan
Mac Integration Basics – 10.12 Sierra

Mac Integration Basics is an excellent starting point for people working with Macintosh systems in a networked environment. The certification covers topics like integrating Mac and Windows PCs as well as connecting to numerous network services. Viewers who pass the Mac Integration Basics exam will be awarded the Apple Certified Associate certification.

Mac Management Basics - Mavericks 10.9 (Exam 9L0-418)
Mac Management Basics - Mavericks 10.11 El Capitan

Mac Management Basics is the first step in the Apple IT Pro certification path. Viewers who complete this exam will be awarded the Apple Certified Associate certification. The exam covers topics related to managing Macintosh networks and focuses on topics like deploying OS X, deploying software application, controlling machines with polices, and keeping systems up to date. It is an excellent starting point for anyone tasked with managing multiple Macintosh PCs.

Apple Certified Support Professional - OS X Support Essentials 10.10
Apple Certified Support Professional - OS X Support Essentials 10.11
Apple Certified Support Professional - OS X Support Essentials 10.12

Apple Certified Support Professional (ACSP) certification confirms the candidate's understanding of OS X's core functionality as well as having the ability to configure key services, perform basic troubleshooting, and support multiple users with essential OS X capabilities. Candidates for this course may be in a role of help desk professional, technical coordinator, or power user who supports OS X users, manages networks, or provides technical support for the Mac.

Apple Certified Technical Coordinator - OS X Server Essentials 10.10
Apple Certified Technical Coordinator - OS X Server Essentials 10.11

The Apple Certified Technical Coordinator certification is designed for anyone responsible for managing Apple computers and devices in a business environment. The exam is made up of content from the Support Essentials ACSP course, as well as content from the Server Essentials course which is covered in this show. Technologies covered include topics like network deployment, policy management, troubleshooting and using Open Directory for centralized user management.

Amazon

AWS Certified Solutions Architect – Associate

AWS Certified Solutions Architect Associate exam is intended for individuals with experience designing distributed applications and systems on the AWS platform. Exam concepts you should understand for this exam include designing and deploying scalable systems on AWS, lift and shift of an existing on-premises application to AWS, ingress and egress of data to and from AWS Selecting the appropriate AWS service based on data, compute, database, or security requirements, identifying appropriate use of AWS architectural best practices and estimating AWS costs and identifying cost control mechanisms.

AWS Certified SysOps Administrator

The Amazon Web Services Certified SysOps Administrator (ACSA) certification is designed for professionals responsible for supporting deployments running in the AWS cloud. Topics covered include managing cloud based database instances, implementing security in the cloud and supporting virtual servers. The ACSA is an associate level certification intended as a starting point for technicians seeking AWS certification.

Cisco

CCENT - Cisco Certified Entry Networking Technician (Exam 100-105)

The Cisco Certified Entry Networking Technician (CCENT) certification is targeted towards IT workers interested in becoming Network Administrators. The certification covers foundational networking topics required of anyone working with IPv4 and IPv6 networks. The series also covers configuring and maintaining Cisco routers and switches in small to medium sized networks. Topics covered in this series include routing protocols, VLANs, device security and more.

Accelerated CCENT - Cisco Certified Entry Networking Technician (Exam 100-105)

The Accelerated ICND1 show will present fundamental networking theory and helps prepare viewers not only for the exam but working knowledge of how to configure, verify and connect Cisco equipment in a working network. This show is presented at an accelerated pace and highly focused on exam objectives to help the viewer to review the exam objectives for the 100-105 exam. It is a great way to check for exam readiness!

CCNA Routing and Switching - Cisco Certified Network Associate (Exam 200-105)

The Cisco Certified Network Associate (CCNA) is the most well-known Cisco certification path. It takes the general networking theory from the CCENT certification and applies it in real world scenarios. It moves beyond configuring individual devices into more complex territory often requiring the configuration of numerous devices to create a robust and optimized network. While studying for this certification, you will revisit the routing and switching topics from the CCENT in more depth as you learn about and implement the advanced features of each technology.

Accelerated CCNA Routing and Switching - Cisco Certified Network Associate (Exam 200-105)

This Accelerated Cisco CCNA Routing + Switching show helps candidate review their exam readiness for 200-105 exam. It's a fast paced and hard hitting review of every exam objective for latest CCNA 200-105 exam. The accelerated pace is helpful for those that are ready for the exam and give an in-depth review of each objective you may encounter for CCNA R+S. The episodes can be used as part of building a candidate's knowledge and skills in LAN switching technologies such as trunking, VLAN trunking protocol and dealing with Switching loops along with troubleshooting. IPv4 and IPv6 routing technologies in RIPng, EIGRP and OSPF are also discussed and configured helping the candidate to understand and troubleshoot configuration and routing issues. WAN technologies, infrastructure services, and infrastructure maintenance technologies are also described and configured to help the CCNA candidate not only for the exam but also for business and production use.

CCNA Security - Cisco Certified Network Associate Security (Exam 210-260)

The Implementing Cisco Network Security Show will help prepare the viewer for IINS Exam 210-260 exam by describing, discussing and demonstrating security principles and practices used by the CCNA Security professional. This show will feature episodes with secure network infrastructure, understanding core security concepts, managing secure access, VPN encryption, firewalls, intrusion prevention, web and email content security, and endpoint security. It will also include troubleshooting and monitoring of secure cisco networks devices. If you're already a CCENT or CCNA R+S and want to specialize in security, the CCNA Security show help you to get started!

CCNA Cyber Ops – Security Fundamentals (Exam 210-250 SECFND)

The Cisco Cybersecurity Fundamentals show is based around the released exam objectives for SECFND Exam 210-250. The show will cover every exam objective to help prepare those interested in becoming CCNA CyberOps certified. The show aids those preparing for the first of two exams leading to that certification by helping understand cybersecurity basics, foundational networking and security knowledge and develop skills needed in preparation for the second (SECOPS) exam.

CCNA Cyber Ops – Security Operations (Exam 210-255 SECOPS)

The Cisco Cybersecurity Operations show (Exam 210-255) will help prepare someone preparing for the 2 exams of the CCNA Cyber Ops Certification. It also aids them to get ready to begin working as an associate level analyst within a Security Operations Center (SOC) and help the candidate handle the tasks, duties and responsibilities working as an analyst in the SOC. The show will focus on introductory-level skills of basic threat analysis, event correlation, identifying malicious activities and using a playbook for incident response.

CCNP Routing and Switching - Implementing Cisco IP Routing (ROUTE) (Exam 300-101)

The Implementing Cisco IP Routing exam is the first of three exams required to obtain the Cisco Certified Network Professional certification. This exam focuses on Cisco router implementation in medium and large environment. The topics covered range from interior and exterior routing protocols to advanced route manipulation. The typical viewer would be anyone responsible for the maintenance and implementation of Cisco routers in a large or enterprise organization.

CCNP Routing and Switching - Implementing Cisco IP Routing (SWITCH) (Exam 300-115)

The Implementing Cisco IP Switched Networks exam is the second of three exams required to obtain the Cisco Certified Network Professional certification. This exam focuses on Cisco switch implementation in medium and large environment. The topics covered range from HSRP, STP, VTP to Etherchannel and how and why we use them. The typical viewer would be anyone responsible for the maintenance and implementation of Cisco Switches in a large or enterprise organization. This SWITCH emphasizes planning, configuring, and verifying the implementation of complex enterprise switching solutions that use the Cisco Enterprise Campus Architecture.

CCNP Routing and Switching - Implementing Cisco IP Routing (TSHOOT) (Exam 300-135)

Troubleshooting and Maintaining Cisco IP Networks exam is one of three exams required to obtain the Cisco Certified Network Professional - Routing and Switching certification. This exam focuses on troubleshooting Layer 2 and Layer 3 devices, planning regular maintenance, and troubleshooting methodology in complex medium and large environments. The topics include Systematic Troubleshooting Principles, Layer 2 and Layer 3 technology, Infrastructure Services and Security, and VPN technologies. The typical viewer would be anyone responsible for the maintenance and implementation and administration of Cisco Layer 2 and Layer 3 technologies in complex organizations.

FirePOWER with Advanced FireSIGHT Administration
(Exam 500-285)

Viewers will learn about Cisco FirePOWER (formerly SourceFIRE) and how it can be employed to secure a network. Upon completion of this series, you will be able to identify the various features of Cisco FirePOWER, the FireSIGHT Management Center and FirePOWER AMP. You will also be able to configure FireSIGHT policies to enforce your company's security policy to all traffic on your network.

Cisco ASA Express Security
(Exam 500-260)

This course prepares the viewers for the Cisco ASA Express Security exam (500-260). The exam covers basic firewall configuration as well as the new features found in Cisco FirePOWER (formerly FireSIGHT). This exam is commonly required for Cisco Channel Partners that are selling and promoting Cisco Adaptive Security Appliances (ASA).

CompTIA

IT Fundamentals (Exam FC0-U51)

The CompTIA IT Fundamentals Certification is an entry level certification designed to introduce users to basic computer principles. It serves as a great starting point if you are just getting started in computers and is designed to be the first step on your way to the CompTIA A+ certification. Topics covered include hardware basics, troubleshooting, software installation and security.

A+ (Exams 220-901/220-902)
Accelerated A+

Those looking to complete the CompTIA A+ 900 Series certification will find in this course an overview of the process in achieving the certification and details about the two exams required to pass in order to receive the certification. The certification is designed for entry level IT professionals with about a year of experience. Some of the exam objectives include hardware, networking, mobile devices, operating systems, security, and troubleshooting, making it a valuable certification to have especially for one just getting in to the IT career field with no documented experience.

Network+ (Exam N10-006)

The Network+ certification was introduced by CompTIA in 1999. It was designed to do for Network Technicians what the A+ certification did for Computer Technicians. Obtaining the Network+ certification shows that the holder possesses the same knowledge and skills of someone who has worked for nine months as a Network Technician. The Network+ exam covers topics ranging from theory (terminology, topology and design) to hardware (routers, switches and cabling) to provide the learner with a broad, vendor neutral perspective on the topics required to work in the field.

Security+ (Exam SY0-401)

CompTIA Security+ professionals help to implement, administer and maintain a secure computing environment for any organization. Earning the Security+ certification is foundational for anyone who wants to start a network security career. Learners will attain knowledge and skills to identify security issues, to mitigate and deter threats, to apply security controls and implement and maintain an organization's security policies. Many organizations that handle sensitive financial or medical data seek the skills of CompTIA Security+ professional when filling IT position.

Security+ (Exam SY0-501)
Accelerated Security+

This series is focused on CompTIA's Security+ certifications. Security+ is a vendor-neutral certification that is recognized worldwide as a benchmark for information system security best practices. The series is intended for aspiring IT security professionals entering into security. The series follows the CompTIA specified objectives for the SY0-501 exam.

Cybersecurity Analyst (CSA+)

CompTIA Cybersecurity Analyst (CSA+) covers the exam objectives for this international, vendor-neutral cybersecurity certification. To improve the overall state of IT security, CSA+ validates critical knowledge and skills that are required to prevent, detect and combat cybersecurity threats.

Linux+ (Exams LX0-103/LX0-104)

CompTIA and the Linux Professional Institute (LPI) have worked in conjunction to create the CompTIA Linux+ certification. The certification covers the basic knowledge required of a junior level Linux administrator. Candidates are expected to be able to work competently across a wide array of environments and skill sets. Unlike many certifications, candidates who complete the Linux+ exams (LX0-103 and LX0-104) are awarded with not one, but two certifications: the CompTIA Linux+ certification and the LPI LPIC-1 certification. That makes this an excellent starting point for people interested in working with Linux as you gain essential base knowledge as well as fill out your resume.

CompTIA Advances Security Practitioner (Exam CAS-002)

The CompTIA Advanced Security Practitioner (CASP) certification designates IT professionals with advanced-level security skills and knowledge. CASP covers the technical knowledge and skills required to conceptualize, design, and engineer secure solutions across complex enterprise environments. CASP is approved by U.S. Dept. of Defense to meet IA technical and management certification requirements.

Cloud+ (Exam CV0-001)

The CompTIA Cloud+ Certification is designed for IT professionals tasked with supporting private and public cloud infrastructures. More and more companies are deploying cloud services in addition to, or in place of, traditional server infrastructure. The Cloud+ certification is designed to provide a well-rounded foundational knowledge of cloud and virtualization technologies.

Project+ (Exam PK0-004)

The CompTIA Project+ show is a series that discusses, shows and examines different project management skills needed to successfully manage projects. The series is designed for the person needing to gain the core knowledge and skills to manage, lead, direct or even be part of small to medium scale projects. It is also based on the PK0-003 exam objectives, covering each domain and objective for the CompTIA Project+ candidate. The goal is therefore twofold: to provide knowledge for the professional certification candidate as well as to provide practical knowledge and skills for the project participant and project management professional.

Server+ (Exam SK0-004)

The CompTIA Server+ certification validates your ability as an IT professional to plan, secure and maintain a variety of server equipment. CompTIA Server+ is an industry-recognized, vender-neutral credential designed to meet today's and future IT needs. CompTIA Server+ addresses the changing server environment, dealing with the latest technologies and trends, including virtualization, data centers, software-defined networking and network attached storage.

EC Council

Certified Ethical Hacker (CEHv9) (Exam 312-50)

EC-Council's Ethical Hacking and Countermeasures (CEH) covers concepts and tools related to exploiting systems, networks, devices and operating platforms. This includes hacking concepts such as vulnerability assessment, network intrusion, reverse engineering, defacing websites, damaging network appliances, launching distributed denial-of-service attacks, massive worm propagation, breaking passwords, brute-forcing authentication systems, cracking encryption, exploiting systems, advance viruses, Trojans, and other malware. This certificate is targeted at site administrators, security professionals, auditors and anyone who is concerned about the integrity of the network infrastructure.

Certified Hacking Forensic Investigator (CHFIv8) (Exam 312-49)
Certified Hacking Forensic Investigator (CHFIv8) (Exam 312-49)

In the CHFI series, Daniel and Adam will take you through all the concepts, tools, and best-practices you'll need to know for the CHFI exam. You'll be introduced to many different digital forensic techniques and duties like safely copying hard drives, how to perform as a "First Responder", searching for and recovering deleted files, steganographic techniques, common attack avenues, acting as an expert witness, and much more.

Certified Incident Handler (ECIH) (Exam 212-89)

This course covers the exam objectives of EC-Council's Certified Incident Handler (ECIH) program. It discusses the basic skills to handle and respond to security events and addresses various underlying principles and techniques for detecting and responding to current and emerging computer security threats.

Certified Encryption Specialist (ECES) (Exam 212-81)

This course is an introduction to the field of cryptography and covers the exam objectives laid out in EC-Council Certified Encryption Specialist (ECES). Topics include the history and application of cryptography and symmetric cryptography and hashes.

GIAC

Security Essentials – GSEC

GIAC is a registered trademark of the Escal Institute of Advanced Technologies, Inc. SANS is not affiliated with these courses. GIAC has been an industry leader in information security certifications for years. The GIAC Security Essentials (GSEC) is designed for Security Professionals who want to demonstrate that they are qualified for IT systems hands-on roles with respect to security tasks. GSEC is one of the DoD Approved 8570 Baseline Certifications for IAT Level II.

ISACA

Certified Information Systems Auditor - CISA

The Certified Information Systems Auditor (CISA) designation is a globally recognized certification for IS audit control, assurance and security professionals. Being CISA-certified showcases your audit experience, skills and knowledge, and demonstrates you are capable to assess vulnerabilities, report on compliance and institute controls within the enterprise.

Certified Information Security Manager - CISM

The Certified Information Security Manager certification course is designed for those individuals seeking to enhance their skills, and be recognized for their expertise in Information Security Management. The course promotes the best in security practices from around the world and identifies the individual's knowledge and expertise in this area.

 The course is intended for individuals seeking to demonstrate mastery of security management skills in a global environment and prepare them for roles in advanced security management. The material contained covers all four of the Domains and associated Task and Knowledge Statements to adequately prepare the individual for passing the CISM exam.

ISC²

Systems Security Certified Practitioner (SSCP)

The Systems Security Certified Practitioner (SSCP) certification is one of the leading certifications from ISC². It is designed for IT security professionals with one or more years of field experience who are seeking to advance their career by validating their knowledge and experience. If IT security is your preferred career path, then the SSCP is a great starting point for you.

Certified Information Systems Security Professional (CISSP)

The Certified Information Systems Security Professional (CISSP) certification is the gold standard in the IT Security field. Security professionals that have achieved their CISSP designation are regarded as some of the most talented and knowledgeable people in their field. The certification demonstrates that the holder has been working in IT Security for over five years and has a broad range of knowledge in ten domains related to creating, supporting and maintaining a secure IT infrastructure.

Systems Security Certified Practitioner (CCSP)

As powerful as cloud computing is for the organization, understanding its information security risks and mitigation strategies is critical. Legacy approaches are inadequate, and organizations need competent, experienced professionals equipped with the right cloud security knowledge and skills to be successful. They need CCSPs.

Logical Operations

CyberSec First Responder

Created by Logical Operations, the CyberSec First Responder certification, which is DoD Directive 8570 compliant, will prepare security professionals to become the first responders in their organization. You will learn how to defend against cyber-attacks, analyze threats, design secure computing and network environments, proactively defend networks, and respond/investigate to cybersecurity incidents.

Microsoft

MTA - Windows Operating System Fundamentals (Exam 98-349)

The Microsoft Technology Associate (MTA) IT Infrastructure is designed to be an entry level certification for people getting started in the IT career field. The Windows Operating System Fundamentals exam covers general topics related to the day-to-day operation of a Windows 7 workstation and some of the administrative tasks required to keep the machine running smoothly. Upon completing the 98-349 exam, you will be awarded the MTA IT Infrastructure certification which demonstrates to employers that you have the basic skills required to provide IT support in a help desk or field technician role.

MTA - Network Fundamentals (Exam 98-366)

MTA validates building-block technology concepts and helps students explore, discover and pursue successful careers in Information Technology (IT) in an exciting and rewarding way! As the first step in the Microsoft Technology Certification Series, this new, entry-level certification provides students with confidence, credibility, and differentiation. This exam tests your knowledge about networking basics and configuration of network settings.

MTA - Windows Server Fundamentals (Exam 98-365)

Microsoft Technology Associate (MTA) is an introductory Microsoft certification for individuals considering a career in technology. The Windows Server Administration Fundamentals exam is designed to provide an assessment of knowledge of fundamental server administration concepts. It covers a wide range of topics, such as Windows Server, Windows-based networking, Active Directory, and system recovery. Upon completing the 98-365 exam, you will earn a Microsoft Technology Associate certification, which helps prove your knowledge of fundamental technology concepts. It can also serve as a stepping stone to the Microsoft Certified Technology Specialist exams.

MTA - Security Fundamentals (Exam 98-367)

MTA validates building-block technology concepts and helps students explore, discover and pursue successful careers in Information Technology (IT) in an exciting and rewarding way! As the first step in the Microsoft Technology Certification Series, this new, entry-level certification provides students with confidence, credibility, and differentiation.

MTA - Cloud Fundamentals (Exam 98-369)

This course is for anyone looking to learn foundational cloud computing knowledge as well as basic skills inside of Office 365 and Microsoft Intune. This is a great course for someone wanting to learn basic Office 365, Exchange Online, SharePoint Online and Skype for Business tasks. We will be focused on the knowledge required for exam 98-369: MTA Cloud Fundamentals.

MCSA Windows 7 - Windows 7, Configuring (Exam 70-680)

Over 80% of computers run Microsoft Operating systems [reference]. As a result, the Microsoft Certified Solutions Associate (MCSA) is one of the first steps for those seeking to start a technical career. The MCSA: Windows 7 covers topics that are "must know" for anyone responsible for deploying, maintaining and supporting Windows desktops in a corporate or enterprise environment. Most people know how to use Windows in a home environment. However, there are many features under the hood that are designed for environments with a large quantity of computers. The MCSA dives in to those and gives the learner a whole new toolbox for ensuring their computing environment is functional and stable.

MCSA Windows 10 - Configuring Windows Devices (Exam 70-697)

Over 80% of computers run Microsoft Operating systems [reference]. As a result, the Microsoft Certified Solutions Associate is one of the first steps for those seeking to start a technical career. This exam Configuring Windows Devices covers topics that are "must know" for anyone responsible for deploying, maintaining and supporting Windows desktops in a corporate or enterprise environment. Most people know how to use Windows in a home environment. However, there are many features under the hood that are designed for environments with a large quantity of computers. The MCSA dives in to those and gives the learner a whole new toolbox for ensuring their computing environment is functional and stable.

MCSA Windows 10 – Installing and Configuring Windows 10 (Exam 70-698)

In this series we will dive into the second exam that is required for a viewer to achieve an MCSA in Windows 10. The topics will range from installation of Windows 10, post-installation configurations, applying images, various deployment tools as well as monitoring and servicing Windows 10 and more. Exam candidates are encouraged to watch both Windows 10 series for the MCSA exams.

MCSA Windows Server 2012 - Installing and Configuring (Exam 70-410)
MCSA Windows Server 2012 - Administering (Exam 70-411)
MCSA Windows Server 2012 - Configuring Advanced Services (Exam 70-412)
MCSA Windows Server 2016 – Installation, Storage & Compute (Exam 70-740)
MCSA Windows Server 2016 – Networking (Exam 70-741)
MCSA Windows Server 2016 – Identity (Exam 70-742)

Over 80% of computers run Microsoft Operating systems. As a result, the Microsoft Certified Solutions Associate is one of the first steps for those seeking to start a technical career. The MCSA: Windows Server 2012 covers topics that are "must know" for anyone responsible for deploying, maintaining and supporting Windows Server 2012/2016 servers in a corporate or enterprise environment. Server systems often form a critical piece of the day-to-day operations for any business. The MCSA covers topics that will help the learner ensure their computing environment is functional and stable.

MCSE Windows Server 2012 -
Designing and Implementing a Server Infrastructure (Exam 70-413)

The Designing and Implementing a Server Infrastructure exam is the first of two exams required to obtain the Microsoft Certified Solutions Expert (MCSE) certification. This exam departs from the traditional pattern of "how" to perform tasks and instead focuses on "why" these things are done. This course covers topics ranging from server capacity planning and placement to active directory topology design. The typical viewer would be anyone involved in designing network solutions or working in a consulting role.

MCSE Windows Server 2012 - Implementing an Advanced Server Infrastructure (Exam 70-414)

The Implementing an Advanced Server Infrastructure exam is the second of two exams required to obtain the Microsoft Certified Solutions Expert (MCSE) certification. This exam moves into significantly more complex topics and configurations than those covered in the previous examinations. The topics covered range from high availability to identity and access solutions. The typical viewer would be anyone operating as a senior systems administrator in a large or enterprise level business.

MCSE Windows Server 2016 – Securing Windows Server 2016 (Exam 70-744)

This course will show you how you can mitigate malware threats, identify security issues by using auditing and the Advanced Threat Analysis feature in Windows Server 2016, secure your virtualization platform, and use new deployment options, such as Nano server and containers to enhance security. The course also explains how you can help protect access to files by using encryption and dynamic access control, and how you can enhance your network's security.

Microsoft SQL Server 2012 - Administering Microsoft SQL Server 2012 Databases (Exam 70-462)

The Administering Microsoft SQL Server 2012 Databases exam is designed to be the entry point for Systems Administrators into the world of databases. The course focuses on areas that are required knowledge for anyone responsible for the creation and maintenance of Windows servers running Microsoft SQL 2012. The topics covered range from installing SQL Server to backing up and restoring databases.

Microsoft SQL Server 2014 - Querying Microsoft SQL Server 2014 (Exam 70-461)

The Querying Microsoft SQL Server 2014 show is for those who are seeking to validate their skills and knowledge in writing Transact SQL queries. The show helps the certification candidate by describing, discussing and demonstrating SQL query writing skills in multiple areas. The episodes will cover the advanced SELECT statements, grouping sets, aggregates, SET operators, basic T-SQL programming and Performance Improvement. The show focuses heavily on demonstrating the syntax and logic of writing the queries. This particular exam is intended for candidates that have two or more years of experience in writing queries with Microsoft SQL Server

Microsoft Exchange 2013 (Exam 74-341)

Microsoft Exchange 2013 is one of the most popular commercially supported email and collaboration platforms in the world. This course helps systems administrators to quickly come up to speed on deploying and supporting each of the various services provided in Exchange. In addition to the real world skills, this course also covers each of the exam objectives required for the Microsoft 70-341 exam which counts toward the MCP and MCSE certifications.

Microsoft Exchange Server 2016 (Exam 74-345)

The Microsoft Exchange 2016 Exam 70-345 show will help the experienced Exchange Admin who is already familiar with Microsoft Exchange but need to plan, deploy, manage and troubleshoot different components of Microsoft Exchange 2016. You'll see PowerShell and Exchange Admin Center commands that will help to maintain and manage Mailbox Databases, Client Access Services, Transport services, Coexistence and migration scenarios. Exchange Expert Brian Svidergol takes each topic in detail and focuses in on the skills measured to give clear understanding of each domain objective called out Microsoft for Exam 70-345

Managing Projects with Microsoft Project 2013 (Exam 74-343)

Microsoft Project 2013 is the latest offering by Microsoft into the software realm of PMIS (Project Management Information Systems). This type of tool is used to help a project manager consolidate the number of tools they may use (e.g. Calendar systems, email, contacts and some budgeting software and reporting software) into a single software tool for initiating, planning, executing, monitoring and controlling and even closing a project. Within a single tool, a project manager can manage a project's triple constraints: Cost, Scope and Time. This series covers every exam objective to help a viewer to prepare for the Microsoft exam 74-343 —Managing Projects with Microsoft Project 2013.

Microsoft Office 365 (Exam 70-346)

Office 365 is a cloud based productivity suite for individuals, companies and even government agencies. It is designed to deliver software as service to any and every user regardless of location. The Office 365 solution is designed to relieve the technical challenge of software management and delivery, regardless of location from the local IT personnel. This allows the IT professional to focus in implementing, deploying and operating Office 365 services and administrating supporting technologies, like email, collaboration and storage. If you're an IT professional who takes part in evaluating, planning, deploying, and operating the Office 365 services, including its dependencies, requirements, and supporting technologies this series will demonstrate and help you to see what is involved in setting up Office 365 for your organization.

Microsoft Office 365 (Exam 70-347)

The Enabling Office 365 Services - Exam 70-347 show is produced for those preparing for the professional Office 365 certification. It covers topics that help the professional evaluate, plan, deploy and operating Office 365 services and more. The viewer will see not only working in the Office 365 Admin center but also some consideration for Office deployment of Office 365 ProPlus, Exchange Online, SharePoint, Skype for Business, Azure AD. This is designed for someone already experienced in some of the Office 365 products.

System Center 2012 Configuration Manager (Exam 74-243)

A member of the Microsoft System Center suite of management solutions, System Center 2012 R2 Configuration Manager increases IT productivity and efficiency by reducing manual tasks and letting you focus on high-value projects, maximize hardware and software investments, and empower end-user productivity by providing the right software at the right time. Configuration Manager helps you deliver more effective IT services by enabling secure and scalable software deployment, compliance settings management, and comprehensive asset management of servers, desktops, laptops, and mobile devices. In addition, Configuration Manager can integrate with Windows Server Update Services (WSUS), Network Access Protection (NAP), Certificate Services, Exchange Server and Exchange Online, Group Policy, the DNS Server role, Windows Automated Installation Kit (Windows AIK) and the User State Migration Tool (USMT), Windows Deployment Services (WDS), and Remote Desktop and Remote Assistance.

Data Center Managing with SCOM

This course will help you to acquire the skills required to deploy and configure System Center 2012 R2 Operations Manager for Cloud and Datacenter monitoring. Architecture of a SCOM Monitoring Group, upgrading and/or migrating to SCOM 2012 R2, Management Pack creation, importing, and customization are all discussed and demonstrated. In addition, how to configure end-to-end service monitoring, fabric and application monitoring, and Application Performance Monitoring (APM) for .NET and Java applications are all covered. If you are new to SCOM 2102 R2, or have been using prior versions and want to update your skills, then this course will show you how.

MCSE Private Cloud (Exam 70-246)
MCSE Private Cloud (Exam 70-247)

This course describes how to monitor and operate a cloud with Microsoft System Center 2012 R2. It focuses on how to manage and administer a cloud environment, and it describes how you can monitor key infrastructure elements and applications that run within a cloud. This course will help you to acquire the skills required to deploy and configure System Center 2012 R2 for Cloud and Datacenter monitoring. In addition, how to use System Center Virtual Machine Manager, Service Manager, and Operations Manager to coordinate end-to-end service monitoring, and fabric and application monitoring is covered. If you are new to operating a private cloud, or have been managing one and want to update your skills, then this course will show you how.

Core Technologies of Microsoft SharePoint 2016 (Exam 70-339)

This series of videos covers the knowledge and skills needed to configure and manage a Microsoft SharePoint Server 2016 environment. You will learn how to configure SharePoint Server 2016, as well as provide guidelines, best practices, and considerations that will help you optimize your SharePoint server deployment. These videos align with the first exam in the SharePoint Server 2016 certification.

Advanced Technologies of SharePoint 2016 – (Exam 70-339)

This series of videos covers the knowledge and skills needed to plan, configure, and manage the advanced features in a SharePoint 2016 environment, including implementing high availability, disaster recovery, service application architecture, and Microsoft Business Connectivity Services. It also covers social computing features, productivity, and collaboration platforms and features, as well as business intelligence solutions, Enterprise Content Management, web content management infrastructure. This is the second in a sequence of two courses for IT Professionals and is aligned with the SharePoint 2016 IT Pro certification.

PMI

Project Management Professional (PMP)

The Project Management Professional (PMP) certification from the Project Management Institute is the leading certification for individuals working as a project manager. The certification combines breadth of knowledge with extensive pre-requisites to ensure that candidates who successfully complete the exam are competent and well versed in the various tools and techniques used by successful project managers. The certificate is targeted at individuals with over five years of experience working as a project manager and seeking to validate their knowledge and experience through becoming certified. Individuals without five years of documented experience should consider the Certified Associate of Project Management (CAPM) certification. At ITProTV, our project management show is designed to prepare the viewer for both exams.

ITIL

Accredited ITIL Foundation Exam

The Information Technology Industry Library (ITIL) was created to help businesses manage their IT operations more efficiently and reliably. The ITIL framework provides a collection of practices that businesses can choose to adopt that focus on aligning IT operations with the goals of the business. These practices range from creating new service offerings to day-to-day operations and managing incidents. Many organizations choose to follow ITIL because it prevents them from having to "reinvent the wheel" when it comes to IT processes and operations. The ITIL Foundations certification is designed to introduce the candidate to the general processes in ITIL and how they can be used to benefit an organization.

Accredited ITIL Intermediate – Continual Service Improvement

The Continual Service Improvement module focuses on how organizations and individuals can strategically review the products and services they have produced following the strategy, design, transition and operation stages of the IT Service Lifecycle and offers guidance on how this process should be organized and executed. It also includes guidance on the tools and technology that can be used to support CSI activities as well as how to evaluate risks and critical success factors.

Accredited ITIL Intermediate – Release Control and Validation

The Release, Control and Validation (RCV) module is one of the qualifications in the ITIL® Service Capability work stream. The module focuses on the practical application of RCV practices to enable the successful planning, testing and implementation of new services that meet the organization's or users' needs.The RCV course is designed to develop organizations' or individuals' understanding of the ITIL Service Transition processes. It can ensure transitional changes are effectively managed, new services are validated and tested and that release and deployment fulfil organizational requirements. RCV also provides guidance on evaluating change and managing knowledge to improve decision-making processes.

Accredited ITIL Intermediate – Operational Support and Analysis

The Operational Support and Analysis (OSA) module is one of the certifications in the ITIL® Service Capability work stream. The module focuses on the practical application of OSA practices in order to enable event, incident, request, problem, access, technical, IT operations and application management. The OSA course can teach organizations and individuals how to manage the everyday operation of IT services and gain a better understanding of how to implement the ITIL processes that will enable them to deliver and support services to customers. It also covers issues relating to the people, relationships, procedures and infrastructure technology required to ensure that the organization or programs can provide the high quality and cost effective IT services that are required to meet organizational needs.

Accredited ITIL Intermediate – Service Offerings and Agreements

The Service Offerings and Agreement series will focus on processes in the Service Strategy and Service Design stages of the ITIL Service Lifecycle. It is a Capability Module that prepares for you an examination that earns you 4 credits toward your ITIL Expert credential. Tune in now as Cherokee and Terry Decker you learn ITIL SOA.

Accredited ITIL Intermediate – Planning, Protection and Optimization

The Planning, Protection and Optimization (PPO) module focuses on the practical application of PPO practices to enable capacity, availability, IT service continuity, information security and demand management. It is designed to develop organizations' and individuals' understanding of the ITIL Service Design processes and help ensure that new and updated services, service management systems and tools, technology architecture, processes and measurement systems, methods and metrics are designed to meet user needs and will require little further change once introduced.

Accredited ITIL Intermediate – Service Design

Our Service Design show takes the ideas for new services born in Service Strategy and turns these into a defined blueprint for the development of the services. We look at the operational aspects to designing an IT service, such as Service Level Management, managing suppliers, and planning for service availability and resilience. All of our planning cumulates into a Design Package which we then handover to the Service Transition lifecycle phase. Like all ITIL shows we also look at critical success factors and key performance indicators and we do some exam prep too!

Accredited ITIL Intermediate – Service Operation

The Service Operation intermediate module focuses on the principles, processes, operational activities and functions that enable organizations and individuals to successfully manage how their products and services perform. The SO module focuses on the coordination and execution of activities that enable the ongoing management and operation of the products or services developed or implemented during the service strategy, design and transition phases of the IT Service Lifecycle as well as any technology and support resources that are used to deliver them.

Accredited ITIL Intermediate – Service Strategy

The Service Strategy module focuses on the importance of the strategic aspect of services within the IT service lifecycle. It provides the specific knowledge and techniques to help you demonstrate that you understand the risks and success factors and have the skills to develop and progress strategy within an organization or program.

Accredited ITIL Intermediate – Service Transition

In these episodes we look at the transition of an IT service from a design plan to a live service. We examine closely processes such as Change Management and Release and Deployment Management and we also look at what services are made of in Service Asset & Configuration Management. We look at the concept of early life support and also the value of knowledge in enabling decision making. Like all ITIL shows we also look at critical success factors and key performance indicators and we do some exam prep too!

Accredited ITIL Expert – Managing Across the Lifecycle

The intent of the Managing across the Lifecycle (MALC) qualification is to give candidates the skills to support an organization's service delivery by bridging the service lifecycle stages. The qualification demonstrates that candidates have learned the value of one combined service management practice as opposed to separate subject areas. ITIL processes and practices, as learned from the lifecycle and capability streams of the intermediate certificates, are put into a context of delivering this value.

Lean Six Sigma

Yellow Belt - ICYB

Viewers will learn the most popular Lean Six Sigma Tools and practices used by IT Professionals. Upon completion of this workshop, you will be able to identify potential Lean Six Sigma projects, understand the basics of how to deploy these programs, LSS terminology and be prepared to take the Lean Six Sigma Yellow Belt Exam. Learn more about Dr. Terra Stern and Lean Six Sigma by visiting her site www.SSDGlobal.net.

Green Belt

The Lean Six Sigma Greenbelt Certification offers many options when it comes to getting certified. This series covers everything you need to know from beginning to end. Cherokee Boose introduces Dr. Terra Vanzant Stern to explain the process and project ideology in detail.

Lean Agile Project Management

The Lean and Agile Project Management Certification is a brand new certification to convey a knowledge from a combination of prexisting industry standards. Dr. Terra Vanzant Stern and Cherokee Boose will walk you through this series to cover everything you need to know from beginning to end. You will also be able to access supplemental materials including the ebook from SSDGlobal.net (the same site where you can take the certification exam). Don't delay because if you are able to certify within a few months from the exam release date you will obtain a lifetime certification not required to obtain Continued Education Credits.

VMware

VMware Certified Professional 6 – Data Center Virtualization (VCP6-DCV) (Exam 2V0-621)

The VMware Certified Professional certification is the most highly recognized certification dealing specifically with virtualization technologies. VMware vSphere is the leading virtualization technology available today and is in use at most large organizations. The VMware Certified Professional 6 – Data Center Virtualization (VCP6-DCV) certification is tailored towards IT System Administrators who are looking to deploy and maintain VMware vSphere and its associated products (ESXi, vCenter, VDP, VMware Converter, etc) in their environment.

VMware Certified Associate 6 (VCA6-DCVA) (Exam 1V0-601)

The VCA6 show dives into data center virtualization fundamentals and featuring vSphere 6 as the solution. It helps the candidate of the VCA6-DCV certification by discussing and demonstrating VMWare's data center virtualization technology. The demonstrations and the discussion in each episode go into to identifying the technical requirements for managing the VMWare vSphere 6 environment. The segments focus on data center challenges and understanding what VMWare products and solutions can be used to meet those requirements.

Technical Skills

Active Directory in Azure

In this series, we will show you how to extend an on-premises Active Directory to Microsoft Azure. Extending Active Directory in Azure can be used for disaster recovery and supporting branch offices, to name a few. We will start at the beginning, by setting up our on-premises network, including Active Directory, DNS, and Routing and Remote Access. We will use the RRAS server as our VPN endpoint, which we will use to establish a site-to-site VPN tunnel to Azure. Then we will create our virtual network in Azure, including defining subnets, creating a gateway, and provisioning public IP addresses. Then we will create our Azure resources, including a virtual domain controller, storage accounts, and availability sets. Then we will verify that Active Directory is replicating properly. We will demonstrate using three different methods, with the classic portal, with the new portal and with Azure PowerShell.

Amazon Web Services (AWS)

Amazon Web Services (AWS) is a collection of cloud-based services offered by Amazon.com. The services range from hosted virtual servers and storage to DNS and Database hosting. This series of videos is designed to introduce the viewer to some of the AWS products and demonstrate the basic skills required to deploy and maintain them.

AntiVirus/AntiMalware

This series is for anyone wanting a better understanding of the common malware types and related concepts needed to make informed decisions on which antivirus is right for their environment. We look at the consumer class antivirus software and demonstrating some of the common antivirus software one might encounter in a home network or small home business. We will also venture into antivirus software that scales to large businesses via enterprise-class software. This series will help a technician or the newcomer understand the difference between consumer class and enterprise class antivirus software.

Azure SQL

This show explores the foundational concepts and workings of Azure SQL. We start by defining why you might decide to implement a hosted database in Azure SQL vs an on-premise solution; detailing some of the benefits of moving to Azure SQL. We then describe some of the more advanced benefits of using Azure SQL like using Resource Groups, Geo-Restore, Point-In-Time Restore, and Self-Service Restore. Finally they take a look at the performance tiers as well as Database Throughput Units or DTUs.

Azure Virtual Machine

This show covers the foundational knowledge you need to implement an Azure Virtual Machine. Beginning with the typical scenarios and utilization and benefits of using Azure VMs and the different aspects of maintaining and supporting the product.

Bash and Scripting

Unix and Unix-like operating systems(Linux/BSD), known for their speed and reliability, are becoming an ever-increasing presence in many data centers and server closets. That being the case, systems administrators that are new to the command-line driven nature of these systems will need to get up to speed on how to interact with the CLI shell environment found as the default on the majority of those systems. In this series, we introduce you to that shell environment known as the Bourne Again Shell or bash, for short. The series starts with an introduction to the bash environment, showing and explaining to you how to navigate through the system using text-based commands. This includes file system navigation, setting file permissions, manipulating output, etc. Then, building upon that foundation, we show you how to automate repetitive tasks by creating customized scripts. All the main bash scripting abilities are covered; from basic repetitive command execution, to more complex functionality like arithmetic, arrays, conditional statements(if-then/elif/case-esac), program loops(for/while/until), and functions/libraries.

Becoming a Linux Power User

Becoming a Linux Power User is a technical skills course designed to elevate viewers to "Power User" status. Linux provides a very robust and powerful platform that enables users to achieve great things. Unfortunately, most users only scratch the surface of what Linux is capable of. This series explores some of the more powerful functions hidden away behind the graphical user interface. Topics cover using terminals and shells, managing processes and files, and writing simple shell scripts.

Becoming a Linux Server Admin

The *Becoming a Linux Server Administrator* covers managing Linux servers in a business environment. Topics covered include installing Linux as a server, managing networking and troubleshooting the OS. Other episodes demonstrate how to configure a web server, a file server, and other common servers. The primary goal of the course is to help system administrators learn to deploy and support the Linux operating system as a server platform.

Becoming a Linux System Admin

The *Becoming a Linux System Administrator* covers managing Linux systems in a business environment. Topics covered include installing Linux, managing software and using centralized user directories among others. The primary goal of the course is to highlight the differences in managing Linux machines in a business environment versus stand-alone or home systems.

Building a PC

Dan and Wes walk you through the step-by-steps to build a personal computer. They demonstrate the installation of components like a motherboard, CPU, cooling systems, fans hard drives and power supplies.

Cisco ASA Firewalls

The Cisco ASA (Adaptive Security Appliance) is one of the most implemented security solutions found in enterprise networks. Cisco offers an entire series of firewalls that range from small office solutions to very large enterprise solutions. It is because of its commonality that in many businesses an IT Professional would do well to be familiar with the product and some of the most essential configurations. This series is designed to help an IT Professional to see how to configure many of the features in the ASA through the GUI interface, the ASDM. This will provide an introduction to the appliance and guidance on some of most used features for any environment.

Citrix XenServer - Open-Source Virtualization
Citrix XenServer 7.0 - Open-Source Virtualization

Citrix XenServer is the free virtualization software from Citrix. It is a commercially backed implementation of the open source Xen virtualization platform. The low cost of entry makes XenServer an attractive option for small and medium businesses looking for advanced hypervisor functions (clustering, live migration, centralized management) without the large price tag associated with competing products.

Cloud Fundamentals

The Cloud Fundamentals video series is designed to introduce the viewer to cloud computing. Cloud concepts and theory are discussed and then actual deployment examples are demonstrated using Amazon Web Services and Microsoft Azure.

Cryptography

These episodes are designed to demystify the world of cryptography. Topics range from the history of cryptography, to high-level concepts like ciphers and key exchange. Discover practical applications of cryptography and how it is applied to various areas in the field of security.

CyberPatriot

CyberPatriot is an amazing free program. It is a National Youth Cyber Education Program with emphasis on the national competition. In this course, you will be introduced to the program, competition and basic skills needed to compete. This course should be used as a supplement to tools provided by your Coach, Technical Mentor, and resources covered in these videos. There are a great deal resources available to prepare you. Please take advantage of them. For registration and more information please check out the below link:
https://www.uscyberpatriot.org/

Digital Forensic Investigator

Digital Forensic Investigator guides you through the process of performing a forensic investigation. Learn the steps involved in performing an investigation, from securing the crime scene, to collecting and processing the evidence, and reporting the findings. Important knowledge for all IT security personnel, giving you the knowledge needed to respond properly in the event of a security incident.

DNS

This series explores the practical application of DNS, the Domain Naming System. We demonstrate using DNS records to support websites, mail servers, and other services. Other topics addressed include DNS security, replication, and popular server software including BIND and Microsoft Windows DNS.

Email Encryption with OpenPGP

This video series examines using encrypted email communications. Many email servers store and transmit emails in a non-secure manner. This series covers how to use OpenPGP to encrypt email prior to sending it which provides for end-to-end encryption. This is a critical component in guaranteeing the confidentiality of any email communication.

GNS3 - Router emulation software

GNS3 is a free graphical network simulator capable of emulating a number of network devices. This makes it possible for anyone to quickly and easily spin up network hardware for testing and educational purposes without the heavy expense of physical hardware. Supported devices include Cisco routers and firewalls, Juniper routers, and frame-relay switches.

Home Router Configuration

In this series, Daniel and Wes look at how to setup a wireless router in your home network. They talk about some of the considerations when it comes to implementing a wireless network like what standards, utilities, access point placement as well as interference and vendor documentation. They take you through the basic configurations to get your home router up and running.

IC3 Computing Fundamentals - GS 5

In this series viewers will be introduced to the basics of the interworking of a computer's system hardware and the individual components. The series will also tackle the basics of a computer operating system, applications, utilities and navigation. Finally the viewer will be guided through the basics of networking. This series is intended to give an introductory demonstration of the computing environment that most will encounter in todays world.

IC3 Key Applications - GS 5

The IC3 Key Applications exam and certification is designed to demonstrate a candidate's basic skill with the most common features found in business productivity programs such as Microsoft Office Word 2010, Excel 2010, PowerPoint 2010 and even Access 2010. The show is to help the candidate, regardless of computing skills to gain an understanding and a basic working knowledge of these applications. Other goals you'll see in the show includes obtaining apps and understanding the terminology surrounding the use of these applications regardless of whether you're using a desktop computer, tablet or a smart phone.

IC3 Living Online - GS 5

In this series, the viewer will be introduced to terms and the concepts related to one digital presence today on the Internet. The viewer will learn about online concepts such as WiFi, email, web browsers and how to utilize them, digital ethics, citizenship and more.

Kali Linux

Kali Linux is an advanced, versatile penetration testing platform. These episodes will teach you how to install Kali Linux, and how to use Kali Linux to test the security of a network. You will learn how to effectively perform a penetration test using the various tools found in Kali Linux.

Linux for Beginners

Linux for Beginners is a technical skills course designed to introduce new users to the Linux operating system. This course is intended for users who are interested in learning about Linux, but have no previous exposure to the operating system. The series starts with a description of Linux and its history and then moves on to cover the graphical user interface and basic operations of the OS.

Linux Security Techniques

The *Linux Security Techniques* series introduces the viewers to the various security features found in modern Linux distributions. Topics covered include data encryption, auditing access, SELinux and firewall configuration among others. The series also *lightly* covers penetration testing to ensure that each security technique is implemented properly.

Linux Shell Scripting Basics

In this series, Daniel and Don walk you through the fundamentals of bash scripting in the Linux operating system. Watch here as they take you through the fundamentals like: Script file formats, running scripts, working with variables, performing arithmetic, conditional statements, loops, presenting data, taking user input, and script control.

Metasploit

These episodes walk you through using Metasploit, the popular penetration testing software. Whether using Windows or Linux, Metasploit can be a powerful tool to test network security. Learn how to use Metasploit as a part of your security toolkit.

Microsoft Desktop Optimization Pack

Technicians and administrators alike need tools to diagnose computer problems, centrally manage encryption and recovery keys, provide consistency in user settings, provide application co-existence and more. These are some of the topics that we will tackle in our series on MDOP.

Microsoft Hyper-V - Microsoft Virtualization

Hyper-V is the advanced virtualization platform created by Microsoft. It is a fully featured Type 1 hypervisor capable of supporting environments ranging from small businesses with a single server to massive datacenters containing thousands of servers. This skills series covers installing, managing and maintaining Hyper-V.

Mobile Security

This series examines the challenges companies face while supporting a bring your own device (BYOD) model. Each episode explores a potential mobile vulnerability and then explores methods to mitigate attacks exploiting that vulnerability. The series uses a hands-on approach actually demonstrating how each compromise works to help better inform systems administrators as to how these compromises occur.

OpenVPN in Linux

In this series, Daniel and Justin will take you from start to finish through setting up a Ubuntu based OpenVPN server in AWS and an Ubuntu client. They show you how to set the proper firewall configurations, install OpenVPN on the server, install Easy-RSA on the server, configure the Certificate Authority(CA), generate both server and client keys, configure the server.conf and client.ovpn files, and finally make a VPN connection. They also look at few problems/errors that you may encounter and explain the appropriate troubleshooting techniques to resolve them.

Penetration Testing

In this series, Daniel and Mike discuss, explain, and demonstrate some of the common tools and techniques used by Penetrations Testers during a security audit. Watch as they explore topics like hacking platforms and test environments, creating BIND/REVERSE shells, discovering and exploiting Buffer Overflows, Cross Site Scripting attacks, Local and Remote File Inclusion attacks, SQL-Injection, Password attacks, Privilege Escalation, and Port Redirection.

Pentesting Tools

In this series of videos, Sean and Mike talk about penetration testing. They describe how to go about setting up a penetration testing lab environment. They demonstrate several reconnaissance tools, like Ghost Phisher, Sparta and BeEF. They also spend some time discussing footprinting.

pfSense – pfSense Build 2.2.2
pfSense – pfSense Build 2.3.2

pfSense is a popular open source firewall solution that has many of the same features as some of the enterprise security appliances offered by many of the leading security appliance vendors. Its full feature set is provided free of charge. This series was designed to introduce to our viewers the pfSense solution, demonstrate many of its features and provide some of the most essential configuration guidance to someone desiring to get pfSense working in their environment.

PowerShell for Administrators

The Microsoft PowerShell is a secondary command line interface found in most Microsoft operating systems. The purpose of the PowerShell is to provide a much more feature rich scripting and automation environment than was previously possible in the base command shell. This series introduces the viewer to the PowerShell and its basic functions. It then moves in to specific areas like managing DNS, DHCP and Active Directory along with their typical commands.

Red Hat Enterprise Linux

This series covers implementing and managing Red Hat Enterprise Linux (RHEL) v7. RHEL v7 is the leading commercial Linux server software used by corporations around the world. Topics covered by this series include installation, configuration, troubleshooting, and backup and recovery. The goal of this series is to prepare any systems administrator to be able to support RHEL v7 in a production environment.

Remote Desktop Services (RDS)

The RDS tech skills show will demonstrate how to get started with RDS on Windows Server 2012 R2. In this show you'll learn about setting up a "single" server RDS deployment, configuring it and securing it to work. Also you'll see the setting up a "clustered" server RDS deployment environment for High Availability to provide for failover and scalability. Through the setup you'll also gain knowledge of the different role services involved in an RDS deployment.

Salesforce Administrator – CRT-101

The Salesforce Certified Administrator credential is designed for those who have experience as a Salesforce Administrator. Candidates should possess broad knowledge of Salesforce applications, regularly configure and manage Salesforce, and continuously look for ways their companies can get even more from additional features and capabilities. Here are some examples of the concepts you should understand to pass the exam:

Manage users, data, and security Maintain and customize Sales Cloud and Service Cloud applications Build reports, dashboards, and workflows

Security Fundamentals

These episodes will provide the foundational knowledge needed get you started in the world of IT security. From password policies to risk assessment, this course covers a wide range of topics. A great starting point for those that are new to the world of IT security.

Security Tech Skills

In this series, Sean and Mike explore several tools that are commonly used for Penetration Testing. They show how the tools work, and explore their functionality. They also demonstrate how to create your own tools, like loading Kali Nethunter on a Nexus 7 and creating your own PwnPad.

Social Engineering

In this series, Daniel and Tom take you through the "DNA" of Social Engineering. They will look into the history of Social Engineering to see where it began and how it has evolved. They will also discuss the tactics, concepts, and tools used by Social Engineers to elicit information from their targets. They also dive into the psychological component of both the attackers as well as the targets and point to documented examples for illustrative purposes.

Supporting Windows 7

Windows 7 is one of the most commonly used desktop operating systems today. This series covers routine administrative tasks that any Desktop Support Technician or Help Desk Technician would be expected to handle on a regular basis.

Virtualization Technologies

Virtualization technology is key for everyone working professionally in the IT field. Familiarity with some of the most used Virtualization tools would be valuable to the IT professional. This show reviews basic virtualization technology common to all virtualization tools. Then it takes each of the mentioned tools and dives into getting it started.

Windows 10 Security

This is an overview of security that can be found in Windows 10. The topics that are covered range from data security, host security, application management to recovery of the operating system. This is for a broad range of individuals including help-desk to the average end-user seeking to implement a more secure Windows 10 environment.

Windows Hello for Business

Windows Hello for Business was introduced with the Windows 10 Creators Update. WHfB allows businesses to implement multi-factor authentication (MFA) as part of the Windows client logon process. This series introduces the viewers Windows Hello for Business and then walks you through the entire process of deploying WHfB in a business environment.

Windows Server 101

The Windows Server 101 show is meant for those who have little to no experience in managing and maintaining Windows Server. It fills in the gap for the desktop support technician who wants some basic and practical Window Server Skills, for the IT professional who may work in other areas and want learn more about Windows Server Administration as well as for the A+ and Network+ certified who need the learn just some Window Server Management and Maintenance before they dive into the MCSA to MCSE certification tracks. The goal is introduction and immediate skill development to manage Windows Server. This is not for the professional who already has years of experience.

Wireshark - Network protocol analyzer
Wireshark 2.2.4 - Network protocol analyzer

Wireshark is a free and open source network packet sniffer and protocol analyzer. It is an invaluable tool for any network administrator who needs detailed visibility into the traffic on their network. It also provides in-depth tools for isolating faults and troubleshooting failures.

Working with Active Directory

Active Directory Domain Services (AD DS) allows you to create a scalable, secure, and manageable infrastructure for user and resource management, and you can provide support for directory-enabled applications. In these episodes, you will learn how to deploy and maintain Active Directory in both traditional networks and cloud-based solutions.

Working with Group Policy

Group Policy is an infrastructure that allows you to implement specific configurations for users and computers in a centralized manner. In these episodes, you will learn about configuring and maintaining a Group Policy infrastructure. You will also learn how to specify managed configurations for users and computers through Group Policy settings and Group Policy Preferences. Group Policy will allow you to provide the standardized functionality, security, and management control that your organization needs.

Working with Secure Shell (SSH)

The Working with SSH show aims to remove the intimidation of using the Secure Shell protocol on your network. SSH allows for encrypting network communications to protect from eavesdropping and man-in-the-middle attacks. This series demonstrates how to configure and use SSH to securely manage your systems.

Adobe Creative Cloud

Illustrator CC

Adobe Illustrator Creative Cloud is used by both artists and graphic designers to create vector images both in print and digital form. It is typically used to create illustrations, charts, graphs, logos, diagrams, cartoons of real photographs. This course covers exam objectives for the Adobe Certified Associate (ACA) certification.

Photoshop CC

Adobe Photoshop Creative Cloud is a leader in image editing software. It allows users to manipulate, crop, resize, and correct color on digital photos. Photoshop has become the stand in image manipulation among professional photographers and graphic designers. This course covers exam objectives for the Adobe Certified Associate (ACA) certification.

Dreamweaver CC

Adobe Dreamweaver Creative Cloud is used by web designers and front-end developers and allows you to visualize your site in real-time as you code. Its design surface combines with integration of Bootstrap and code editor and integrates robust site management tools for easy design, code, and management of websites and mobile content. This course covers exam objectives for the Adobe Certified Associate (ACA) certification.

InDesign CC

Adobe InDesign is used for laying out printed materials such as brochures, ads, business cards or newsletters. Elements that are created in Illustrator and Photoshop are combined to create blocks of texts, photos or other artwork and put together in InDesign to create single or multi-page layouts. This course covers exam objectives for the Adobe Certified Associate (ACA) certification.

Premiere Pro CC
Premiere Pro CC 2017

Adobe Premiere Pro Creative Cloud is used by video professionals and enthusiasts to edit and export their projects. It is timeline-based and can sync multiple camera tracks while using advanced built-in styles and templates to add title sequences and lighting/camera effects. This course covers exam objectives for the Adobe Certified Associate (ACA) certification.

OfficePro

Access 2016 Essentials

Access is the database application within the Microsoft Office suite. Many businesses, large and small, use Access to store large amounts of information. Just like building a a strong house, you must have a solid foundation. We start from the very beginning discussing how to plan a database, introducing basic terminology and key concepts of relational database design, and exploring the Access Interface. Then we dive more in depth into each object in an Access databases - tables, queries, forms, and reports. This series is targeted for users who want to get started in Access or users that want a refresher on Access essentials. Access is a Windows only product and only available as a local installation.

Excel 2016 – Level 1
Excel 2016 Essentials
Excel 2016 Advanced
Excel 2016 Charts and Pivot Tables
Excel 2016 Functions

The Microsoft Excel 2016 episodes will give you a fundamental understanding of the Excel environment, and demonstrate the correct application of the principal features of Excel 2016. These episodes cover how to create and edit worksheets and workbooks with multiple sheets, working with cells and ranges, creating tables, applying formulas and functions, and creating charts and objects.

PowerPoint 2016
Advanced PowerPoint 2016
PowerPoint for Mac

This course will cover everything you need to create a presentation in PowerPoint. These episodes start at the very beginning by exploring the PowerPoint environment, how to add slides to a presentation, insert text and images into slides, create tables and charts, apply design themes, enhance with animation, and prepare to deliver final presentation.

Advanced PowerPoint 2016
Advanced PowerPoint 2016 for Mac

In this course, we explore some more advanced features of PowerPoint 2016. We start with digging deeper into PowerPoint options, customizing the interface, and exploring advanced file properties including accessibility and security. Other topics include modifying the all-important slide master, adding external content such as Excel data into slides as linked objects, inserting audio and video, and collaborating with others both online and offline. We finish up the series with customizing the delivery of presentations with custom shows, hyperlinks, and Zoom.

Outlook 2016

Whether using for personal email or work email as large business organization, this course covers everything one needs to become a skilled and informed user of Microsoft Outlook 2016. Our hosts start with explaining the basic terminology and setup of email accounts and continue on to all areas of Outlook including managing email, contacts, calendars, and tasks. This course is specifically for Windows operating system with Outlook 2016 locally installed.

Outlook on the Web

Whether using for personal email or work email as large business organization, this course covers everything one needs to become a skilled and informed user of Microsoft Outlook on the Web. This course is specifically for using Outlook through a web browser with either a paid subscription to Office 365 or a free mail account with Outlook.com. Our hosts start with explaining the basic terminology and setup of email accounts and continue on to all areas of Outlook including managing email, contacts, calendars, and tasks.

Word 2016 – Level 1
Word 2016 Essentials
Word 2016 Advanced
Word 2016 Expert

The Microsoft Word 2016 show helps a viewer to have a fundamental understanding of the Word 2016 environment and the ability to complete tasks independently. The show demonstrates the correct application of the principal features of Word 2016. Viewing all the episodes should help viewers to create and edit basic documents for a variety of purposes and situations. This should help someone who might be a student, clerical worker, IT support staff as well as someone seeking the Microsoft Office Specialist Certification.

Security Awareness

This is a non-technical course designed for every end user. Our experts explain very common security topics that are critical to be aware of in today's work environment, but explains in the "end-users" non-technical language, so everyone can understand. Many stories are told as examples for easier understanding. One might think this is super easy and doesn't go deep on topics, but you would be wrong, this course is a perfect fit for everyone to understand and prevent security risk. This course is also a living course, which means we will continue to add episodes as new security topics, subject, stories appear, so continue to check back and see what new items have shown up.

Microsoft Office Resource Courses – Provided by Sonic Performance

Word 2013

Excel 2013

Access 2013

PowerPoint 2013

Outlook 2013

Lync 2013

OneNote 2013

Office 365

DevPro

Chat App with React and Firebase

React and Firebase are two technologies that are becoming more and more mainstream. You may have heard of both, but how do the pieces fit together? Join us in this series as we take React and build a chat application that leverages Firebase for all of the backend services. You will discover building React components, using Firebase observers to sync data to your front-end application, the difference between Stateful and Stateless Functional Components, and much more. If you are looking to level up your understanding of React and Firebase, then we will see you there!

Dive into the Python Standard Library

Having the correct tool for the job is a great way to be productive. If you find yourself keeping writing similar bits of code over and over again when programming in Python, then Python may already have the tool that you need to make your code more readable, more maintainable, and possible faster or memory efficient. Python has an extensive set of modules that are part of the standard library. If you want to know more about the power built into the Python Standard Library, then stay tuned!

HTML, CSS and Bootstrap

This course introduces basic concepts for building web pages using HTML which gives structure to the content such as defining paragraphs and images and CSS which defines the appearance of the content such as colors and fonts. It also introduces bootstrap which is a collection of tools and templates for use with HTML and CSS.

HTML Canvas Graphics and Animations

HTML5 Canvas elements bring art and animation to the browser. In this series, we explore the capabilities of the HTML5 Canvas element in conjunction with JavaScript. This includes simple "pen" drawings, image displaying, image manipulation, and animations. Knowing HTML5 Canvas provides a great way to start with in-browser games as well as expressing those artistic desires. Hope to see you there!

HTML Canvas Graphics

With the advent of the HTML5 Canvas tag, the world of graphical manipulation in the browser has become a reality. This series is an exploration of some the possibility that are available when using the canvas element. The ultimate aim is to use project-based exploration of the capabilities of the HTML5 Canvas element by building games as well as some utilities. Along the way, you may learn some other interesting JavaScript uses.

Intro to AngularJS

In this series, Justin takes a look at AngularJS, a web framework that has been around for a while. He demonstrates the use of the basics of AngularJS as well as discusses preferred practices for creating application code as well as organizing code. Some of the topics that he discusses are: the use of controllers, what is $scope and how to eliminate the use of $scope, using the built-in directives to render lists, handle events, and dynamically style your application. If you are interested in learning more about AngularJS, then join us!

Intro to Docker

Docker is a set of tools that provide a runtime for creating, managing and orchestrating containers. Docker provides the ability for developers, system admins, or hobbyists to provision a container that can be configured as similarly to a virtual machine without all of the resource intensity. This series introduces the usage of the Docker client to run containers, managing the Docker daemon, using Docker Machine for provisioning runtime environments for the Docker toolset, Docker Compose for orchestrating and managing multi-container applications, as well as Docker Swarm for distributing those containers across multiple nodes in a cluster of machines. Stay tuned to get started with Docker!

Intro to Git

Version control is a cryptic yet essential part of a software development team. Git is a distributed version control system that allows collaboration and management of large scale software products (as well as other types of projects). In this series, you will get started with Git. You will be shown how to create a repository, save changes in the repo, link to a remote server (GitHub), and finally a basic collaboration workflow. If you are just getting started in software development or you need to know more about the tools that your team is using, then join us as we 'git' started.

Intro to JavaScript

In this series, Mike and Justin are going to the explore the beginning of JavaScript in the browser. This is going to lay the foundation for the additional work to come in JavaScript. There will be a focus on the ECMAScript 5 features that are found in the browser. If you want to create interactive websites, are new to programming, or just want to know more about JavaScript, then you have come to the right place. They cover topics such a deep dive on the data types found in JavaScript, operating on the data types, iteration(loops), control flow (decision making), creating functions for code reuse, and touching on the beginning of object oriented programming.

Intro to NodeJS

NodeJS has brought JavaScript to the server as well as the desktop programming environments. With this escape from the browser, JavaScript provides the ability to leverage your understanding of JavaScript to create new and powerful applications. If you want to power up your understanding of JavaScript using the NodeJS platform then join us!

Intro to NumPy

In this series, we cover the basics of using NumPy for basic data analysis. Some of the things that are covered are as follows: installing NumPy using the Anaconda Python distribution, creating NumPy arrays in a variety of ways, gathering information about large datasets such as the mean, median and standard deviation, as well as utilizing Jupyter Notebooks for exploration using NumPy. If you are looking to get started with NumPy then join us!

Intro to React

In this series, Justin and John walk through the beginning of learning ReactJS. John focuses on the prerequisite knowledge such as features of the JavaScript language that you should be familiar with, usage of build tools such as Webpack to develop and produce builds, as well as the nuance features of React. Over the course of the series, John takes a simple, plain JavaScript application and shows how to construct that same application using React.

Intro to Vue.js

Vue.js is a new kid on the block when it comes to frontend JavaScript frameworks. Vue.js combines some of the feel of Angular and React while keeping the learning curve very small. If you know JavaScript, then you already know a good deal about Vue.js. In this series, you will learn how to get Vue.js setup, use data binding, see how to handle events and much more.

Intro to Web Development

In this series, Daniel and Justin start exploring the basics of web development. Using JavaScript and HTML as well as the constructs provided by the browser, such as the Browser Object Model and the Document Object Model, we create simple web applications to reinforce the basics of web development. If you want to know more about the browser environment for web applications, using the document object model to add some dynamic behavior to your web applications, listen to different events/interactions and respond accordingly, as well as store information in the browser then join us.

New Features in ES6

JavaScript is going through some growing pains. In this series, we are going to take a look at some of the recent advances in JavaScript. These changes are endearingly known as ECMAScript 6 (ES6) for short. These new features bring cleaner syntax as well as additional functionality to the JavaScript language. If you want to know all about fat arrow functions, JavaScript classes, enhancements to JavaScript objects, string enhancements, the coming of iterators and generators, promises and proxies then join us to power up your JavaScript repertoire!

Object Oriented Java

In this series, Mark and Justin walk you through the hoops and hurdles of the Java syntax by providing examples and common mistakes and shortcuts you'll be faced with. By the end you'll have an understanding of all of the syntax as well as common Java tools. You will have built feature-filled programs to simplify your life and wrangle the challenges of junior programming jobs, so if you're ready to learn Java as a first or second programming language then join us!

Object Oriented Python

In this series, Vonne and Justin explore the intricate world of Object-Oriented Programming(OOP), particularly in the context of the Python programming language. Starting with the basics of OOP, Justin demonstrates the creation of classes and associated objects from those classes. Moreover, Justin demonstrates the use of Inheritance of classes to reduce code repetitiveness in an effort to adhere to the Don't Repeat Yourself (DRY) principle. Lastly, Justin builds a simple OOP centric text-based adventure. If you are ready to get into Object-Oriented Python, then join us!

Python for Security

Python is a great language for learning, writing web applications, and manipulating data. However, Python can be used for security testing as well. In this series, we will explore the use of Python in such concepts as brute force password cracking, making SSH connections programmatically, creating socket connections and port scanner a particular host, banner grabbing from open ports, and more. If that sounds interesting to you, then please join us!

Python Programming

In this series, Daniel and Justin walk you through an in-depth primer on the Python programming language. Whether you have some other programming experience or you are completely new to coding, you will be given the tools necessary to get started writing programs with Python. They cover topics like printing output to the screen, assigning and utilizing variables, getting input from the user, decision making, iteration/loops, creating lists, dictionaries, and tuples, using and creating functions, slicing, and more. If you're looking for an easy programming language to get started, or you want to add another language to your repertoire, Python is a great choice.

RESTful API with Express

In this series, we creates a RESTful API using the Express web application framework. Justin review the process of setting up a Node-based project as well as installing the Express Node module. After that, Justin discusses important concepts and processes that are key in developing a RESTful API such as creating routes that correspond to data resources, data modeling of those resources, use of middleware to make the API a little more robust, and adding a persistence layer to the API. RESTful APIs are abound when developing software, so if that sounds like something interesting to you, then join us!

Weather Application with Angular Express

In this series, Justin is going to combine the powers of the Express web framework with the power of AngularJS on the front end to create a weather forecast web application. Express will be used to proxy the request from the front end to the DarkSky API that is being consumed as a measure of hiding the credentials that are necessary for making the request. Moreover, Angular will interact with the proxy in order to obtain the information needed to render the application. If you want to see how this application comes together, then join us!