Implementing Cisco IP Switched Networks (SWITCH) ? (642-813)

 Product Overview] This course is part of the official Cisco CCNP® curriculum and covers the skills that are required for CCNP certification. Students will learn to plan, configure, and verify the implementation of complex enterprise switching solutions using Cisco Enterprise Campus Architecture. The course also covers secure integration of VLANs, WLANs, voice, and video into campus networks. Comprehensive labs emphasize hands-on learning and practice to reinforce configuration skills. The course is appropriate for enterprise network engineers with at least one year of job experience who are ready to advance their skills and work independently on complex network solutions. It is part of the official CCNP curriculum and covers the same skills that are validated in the CCNP certification exams.   **Features and Benefits**] Cisco authorized training is developed by subject matter experts around the globe to align to the job tasks of professional-level network engineers. Authorized CCNP curriculum is delivered by certified instructors using a blend of lecture, labs, self-paced lessons, and assessments.   **Key Features Key Benefits**
   Customer-centered design   Input from customers and partners ensures relevancy.   Job role focus   Curriculum aligns to tasks of network engineers.   Blended learning curriculum   Mix of classroom and self-paced lessons offers flexibility.   Extensive lab exercises   Hands-on practice strengthens skills.   End-of-module assessments Review reinforces learning objectives.   Worldwide availability   Consistent curriculum in all regions.   Authorized Cisco Learning Partners   Certified instructors deliver Cisco approved content.   **Course Prerequisites**] - Cisco   CCNA® certified **CCNP Certification**] CCNP validates the knowledge and skills that are required to plan, implement, secure, maintain, and troubleshoot converged enterprise networks. The requirements for CCNP were designed to reflect the responsibilities that are associated with roles such as network engineer, system engineer, network support engineer, network administrator, network consultant, or system integrator. **Product Specifications**]   Course Name: Implementing Cisco IP Switched Networks   This course replaces Building Cisco Multilayer Switched Networks (BCMSN).   Short Identifier: SWITCH   Associated Certifications: CCNP and Cisco CCDP®   Associated Exam: #642-813 SWITCH, 120 minutes Available at all worldwide Pearson VUE testing centers   Duration: 5 days classroom or virtual classroom   Delivered by: Cisco Certified Learning Partners worldwide   Lab Exercises: 13 individual labs   Implementing Cisco IP Switched Networks is one of three courses that are recommended for CCNP candidates, along with Implementing Cisco IP Routing (ROUTE) and Troubleshooting and Maintaining Cisco IP Networks (TSHOOT). For more information, visit CCNP on the Cisco Learning Network. **Course Outline**] **Delivery Topic**   Classroom   Course Overview   Classroom   Analyzing Campus Network Designs   Classroom   Implementing VLANs in Campus Networks   Classroom   Implementing Spanning Tree   Classroom   Implementing Inter-VLAN Routing   Classroom   Implementing First Hop Redundancy in a Campus Environment   Classroom Implementing a Highly Available Network   Classroom   Integrating Wireless LANs into a Campus Network Classroom   Accommodating Voice and Video in Campus Networks