"Microsoft Azure Stack Hub Operator Certification" - Az-600 Training Curriculum

STRUCTURE

AZ – 600 Microsoft Azure Stack Hub Operator Certification Training Curriculum

"Become a Certified Azure Hub Operator by joining our comprehensive Az-600 Training Program"

About Croma Campus:

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

- Hands-On Live Projects
- Simulation Test Papers
- Industry Cases Studies
- 61,640+ Satisfied Learners
- 140+ Training Courses
- 100% Certification Passing Rate
- Live Instructor Classroom / Online Training
- 100% Placement Assistance

Course Objectives:

- Prepare yourself for the certification exam and clear your certification exam in the first attempt mostly.
- Add an attractive credential in your resume that is really appreciated by Companies.
- Improve your overall cloud management skills and explore more job prospects with better salary packages.
- Boost your social media profiles especially LinkedIn by adding this certification and become one of the top persons to be chosen by industries.

AZ-600 Certification Training Description:

Candidates for Exam AZ-600 are Azure administrators or Azure Stack Hub operators who provide cloud services to end users or customers from within their own data center using Azure Stack Hub.

Candidates for this exam should have significant experience managing and operating Azure Stack Hub environments. They should have a strong understanding of Azure, in addition to some knowledge of virtualization, networking, and identity management. They need to understand how Azure Stack Hub enables DevOps processes and the hybrid development model.

Necessary Details about Certification You must Know

- Certification Name – Microsoft Azure Stack Hub Operator Certification - Az-600
- Exam Duration: 180 minutes
- Number of Questions: 40-60
- Passing score: 700 (Out of 1000)
- Exam Cost: USD 165.00
- Validity: 2 years

Certification Exam Structure:

- Provide Services (30-35%)
- Implement Data Center Integration (15-20%)
- Manage Identity and Access (10-15%)
- Manage Infrastructure (30-35%)

Croma Campus Training Program Deliverables:

- **Session Recordings** - Original Class Room Voice & Video Recording
- **Training Material** - Soft Copy Handbooks
- **Assignments** | Multiple Hands-on Exercises
- **Test Papers** - We provide **Practice Test** as part of our course to help you prepare for the actual certification exam.
- **Live Case Studies**
- **Live Projects** - Hands-on exercises and Project work. You will work on real time industry-oriented projects and assignments for each module to practice.
- **Key focus on Hands-on exercises and Project work**. You will work on real time industry-oriented projects.
- Faculty with more than **10+ Years of Experience** in the Industry.
- **Technical Resume Designing & Job Assistance:** With more than 100+ Clients across the Globe and we help learners to get a good job in their respective field. We also help learners with resume preparation.
- **Interview Q&A**
- **About Croma Campus Training Certificate:** Croma Campus will provide you with an industry-recognized (Certified by **ISO 9001:2015** & **E-Cell IIT Jodhpur**) course completion certificate which has lifelong validity.
- **How I Unlock my Croma Campus Certificate:** Attend Complete Batch & Submit at least One Completed Project.

Course Content:

Module 1: Provide Services (30-35%)

- Manage Azure Stack Hub Marketplace
    - populate Azure Stack Hub Marketplace in a disconnected environment
    - create a custom Azure Stack Hub Marketplace item
    - manage lifecycle for Azure Stack Hub Marketplace items
- Offer an App Services resource provider
    - plan an App Services resource provider deployment
    - deploy an App Services resource provider
    - update an App Services resource provider
    - scale roles based on capacity requirements
    - rotate App Services secrets and certificates
    - manage worker tiers
    - back up App Services
- Offer an Event Hubs resource provider
    - plan an Event Hubs resource provider deployment
    - deploy an Event Hubs resource provider

- update an Event Hubs resource provider
- rotate Event Hubs secrets and certificates
- Offer services
  - create and manage quotas
  - create and manage plans
  - create and manage offers
  - create and manage user subscriptions
  - change user subscription owner
- Manage usage and billing
  - set up usage data reporting
  - view and retrieve usage data by using the Usage API
  - manage usage and billing in multi-tenant and CSP scenarios

Module 2: Implement Data Center Integration (15-20%)

- Prepare for Azure Stack Hub deployment
  - recommend a name resolution strategy
  - recommend a public and internal IP strategy
  - recommend a data center firewall integration strategy
  - recommend an identity provider
  - validate identity provider integration
  - configure the Time Server (NTP)
- Manage infrastructure certificates for Azure Stack Hub
  - recommend a certificate strategy
  - validate the certificates
  - run secret rotation PowerShell cmdlet for external certificates
- Manage Azure Stack Hub registration
  - recommend a registration model
  - register in a connected environment
  - register in a disconnected environment
  - re-register

Module 3: Manage Identity and Access (10-15%)

- Manage multi-tenancy
  - configure Azure Stack Hub home directory
  - register the guest tenant directory with Azure Stack Hub
  - disable multi-tenancy
  - update guest tenant directory
- Manage access
  - identify an appropriate method for access (service principal, users, groups)
  - provision a service principal for Azure Stack Hub
  - recommend a permission model
  - configure access in Azure Stack Hub
  - create a custom role

Module 4: Manage Infrastructure (30-35%)

- Manage System Health
  - recommend a monitoring strategy
  - monitor system health by using the REST API
  - includes resource providers such as Event Hubs
  - monitor system health by using Syslog Server
  - manage field replacement or repair
  - configure automatic diagnostic log collection
  - collect diagnostic logs on demand by using Power shell
  - configure Syslog forwarding for Azure Stack Hub infrastructure
- Plan and Configure Business Continuity and Disaster Recovery
  - recommend a business continuity disaster recovery (BCDR) strategy
  - recommend a strategy for infrastructure backups
  - configure storage target for infrastructure backups
  - configure certificates for infrastructure backups
  - configure frequency and retention policy for infrastructure backups
- Manage Capacity
  - plan for system capacity
  - manage partitioned GPUs
  - add nodes
  - manage storage capacity
  - add IP pools
- Update infrastructure
  - update Azure Stack Hub
  - download and import update packages manually
  - update Azure AD Home Directory
- Manage Azure Stack Hub by using privileged endpoints
  - connect to a privileged endpoint
  - configure the cloud admin user role
  - unlock a support session
  - close the session on the privileged endpoint
  - stop and start Azure Stack Hub
  - perform system diagnostics by using Test-Azure Stack

Module 5: Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- Az-600 Interview Questions and Answers
- Resume Building Guide
- Attempt for Az-600 Global Certification Exam
- Earn Credentials and Start applying for Jobs