

VMware vSphere 7 – Troubleshooting

INFORMATIONS GÉNÉRALES

Type de formation : Formation continue

Éligible au CPF : Non

Domaine : Systèmes et Réseaux

Action collective : Non

Filière : Cloud computing

Rubrique : VMware

Code de formation : VM001

€ Tarifs

Prix public : 4520 €

Tarif & financement :

Nous vous accompagnons pour trouver la meilleure solution de financement parmi les suivantes :

Le plan de développement des compétences de votre entreprise : rapprochez-vous de votre service RH.

Le dispositif FNE-Formation.

L'OPCO (opérateurs de compétences) de votre entreprise.

France Travail: sous réserve de l'acceptation de votre dossier par votre conseiller Pôle Emploi.

CPF -MonCompteFormation

Contactez nous pour plus d'information : contact@aston-institut.com

PRÉSENTATION

Objectifs & compétences

This hands-on training workshop provides you with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® 6 environment. This workshop increases your skill and competence in using the command-line interface, VMware vSphere® Web Client, VMware vRealize™ Log Insight™, and other tools to analyze and solve problems.

Public visé

Administrateurs systèmes, ingénieurs systèmes et personnels du support technique qui recherchent les connaissances leur permettant d'être autonomes dans la maintenance et le dépannage de leurs infrastructures vSphere.

Pré-requis

VMware Certified Professional 6 - Data Center Virtualization (VCP6-DCV) VMware vSphere: Fast Track [V6] VMware vSphere: Optimize and Scale [V6] Equivalent knowledge and administration experience with ESXi and vCenter Server Experience working with a command-line interface is highly recommended.

📍 Lieux & Horaires

Durée : 35 heures

Délai d'accès :

Jusqu'à 8 jours avant le début de la formation

PROGRAMME

1. Course Introduction Understand the course objectives Understand the scope and topics covered by the course Become familiar with online technical resources Become familiar with the VMware education system and certification tracks
2. Introduction to Troubleshooting Identify the effects of a system problem Define the troubleshooting scope Use a structured approach Understand the troubleshooting principals Follow a logical troubleshooting procedure Troubleshooting examples
3. Troubleshooting Tools Use command-line tools to identify and troubleshoot problems Use VMware vSphere® Management Assistant Locate and interpret important log files Export relevant log files for technical support Use vRealize Log Insight for log aggregation and problem analysis Use vRealize Log Insight for efficient log search
4. Networking Identify the symptoms of network-related problems Analyze and resolve standard and distributed switch issues Analyze virtual machine connectivity issues and restore them Examine common management network connectivity issues and restore configurations Identify and prevent potential problems
5. Storage Troubleshoot storage (iSCSI, NFS, VMFS, and VSAN) connectivity problems Analyze hardware malfunction and software misconfiguration scenarios Identify multipathing-related issues, including PDL and APD Analyze possible causes, recover from the faulty conditions, and restore storage visibility
6. vSphere Clusters Identify and recover from vSphere HA related issues Analyze and troubleshoot various types of vSphere vMotion issues related to virtual machine migrations Discuss and recover from vSphere DRS problems to achieve proper function and balanced resource use Examine vSphere cluster failure scenarios and possible solutions

📅 Prochaines sessions

Consultez-nous pour les prochaines sessions.

7. vCenter Server and ESXi Understand the vCenter Server and Platform Services Controller (PSC) architecture in vSphere 6 Identify and resolve authentication issues Troubleshoot VMware Certificate Authority (VMCA) and certificate store issues Analyze and fix vCenter Server services issues Examine ESXi host and vCenter Server failure scenarios and resolve the issues

8. Virtual Machines Analyze and resolve common virtual machine snapshot issues Identify possible causes and resolve virtual machine power-on issues Troubleshoot virtual machine connection state issues Resolve problems seen during VMware Tools tm installations Discuss content library and identify common misconfigurations Examine failure scenarios and provide solutions

MODALITÉS

Modalités

Jusqu'à 8 jours avant le début de la formation, sous condition d'un dossier d'inscription complet

Méthode

Fin de formation : entretien individuel.

Satisfaction des participants : questionnaire de satisfaction réalisé en fin de formation.

Assiduité : certificat de réalisation.

Validations des acquis : grille d'évaluation des acquis établie par le formateur en fin de formation.