DCH-Compute Training REFERENCE

This material is a reference guide for new DCH-Compute team members. DCH-COMPUTE

REFERENCE MATERIAL

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| How to use this Reference Guide |
| * Following material is structured to provide reference training plan on Compute Environment * Document furnishes basic training topics for new team member. * Topics covered in this guide are basic and sufficient to introduce Compute Environments. * For more advanced topics; learner should discuss with their assigned Mentor/Manager. * Document reference VMware environment first and then guides the learner to reference Intel Cloud environment. * Intel Cloud environment reference guide is located [here](https://sharepoint.amr.ith.intel.com/sites/dchchs/garserverops/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2Fdchchs%2Fgarserverops%2FShared%20Documents%2F2014%2FOpenCloud%20Docs%2FCompute%5FNew%20Member%20Integration%20Docs) * Document is categorized by Intel Work Weeks (WW) with an approximate schedule. * Multiple embedded documents written by Compute resources are referenced below. * If an embedded document is not available, contact Doc Owner |

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| WW-01 Plan |
| INTRODUCTION |
| * [Introduce to DCH Portfolio](file:///\\VMSPSIO01\DCU%20Training\PART%20A\Introduction%20to%20DCH.doc) * [ORG tree & Overview of Compute Hosting Operations](file:///\\VMSPSIO01\DCU%20Training\PART%20A\ORG%20tree%20And%20Compute%20Hosting%20Ops%20Meeting%20Overview.doc) * [Overview of Circuit features](file:///\\VMSPSIO01\DCU%20Training\PART%20A\Overview%20of%20Circuit.doc) * [DCU System Admin R&R](file:///\\VMSPSIO01\DCU%20Training\PART%20A\SysAdminRAndR.doc) |
| BASIC ONLINE TRAININGS |
| * Work on ARs provided in NEO Class * Plan to Complete Intel Required Trainings using [Learning Development](https://sp2010.amr.ith.intel.com/sites/LearningDevelopment/Pages/Home.aspx).   **New to Intel Required Training**   |  |  |  |  | | --- | --- | --- | --- | | **Timeframe** | **Course Information** | | | | Within first two weeks | New Employee Orientation (00014423) |  | [**Classroom**](https://sharepoint.amr.ith.intel.com/sites/Global_ILD_Public/Offerings/SiteAssets/New%20To%20Intel.aspx)  7 hrs  $0 USD | | Between two & four months | Inside Intel (00015034)  \*Optional for interns |  | [**Classroom**](https://sharepoint.amr.ith.intel.com/sites/Global_ILD_Public/Offerings/SiteAssets/New%20To%20Intel.aspx)  4 hrs  $0 USD | | Between three & six months | Effective Meetings (00000491)  \*Optional for interns |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01277643)  or [**Classroom**](https://sharepoint.amr.ith.intel.com/sites/Global_ILD_Public/Offerings/SiteAssets/New%20To%20Intel.aspx)  1 hr  $0 USD | | Between three & six months | Constructive Confrontation (00005295)  \*Optional for interns |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01268763)  1.5 hrs  $0 USD |   **Corporate Required Training**   |  |  |  |  | | --- | --- | --- | --- | | **Timeframe** | **Course Title** | | | | Within three months | Intro to Code of Conduct (10002466) |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01266892)  45 min  $0 USD | | Within three months | Privacy Essentials (10005156) |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01177246)  30 min  $0 USD | | Within three months | Information Security Awareness (10005155) |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01177241)  30 min  $0 USD | | Within three months | Legal Basics (00007541) |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01154030)  40 min  $0 USD | |
| WW 02-03 Plan |
| ACCESS TO COMPUTE ENVIRONMENTS |
| * Work with your Mentor decide on which access you will need as you will not be approved to get all below access on the same day:  |  | | --- | | Compute Environment Access Requirements | | <https://iref.intel.com/Getdoc.aspx?RefLibObjectID=0902007c8005ac48> | |
| OVERVEW OF COMPUTE |
| * [**Data Center  and over view**](file:///\\VMSPSIO01\DCU%20Training\PART%20A\Data%20Center%20Overview.doc) * [**Understanding Flavors of Server OS and  OS usages**](file:///\\VMSPSIO01\DCU%20Training\PART%20A\Flavors%20of%20server%20OS.doc) * **IT Supported OS PRDs:** [**http://prd.intel.com/**](http://prd.intel.com/) * [**Network basics**](file:///\\VMSPSIO01\DCU%20Training\PART%20A\Network%20basics.doc) * [**Storage and Backup Basics**](file:///\\VMSPSIO01\DCU%20Training\PART%20A\Storage%20and%20Backup%20Basics.doc) * **Use CBT Nuggets to get introduced to below VMWARE Topics:** [**vCenter Orchestrator 5.5 Foundations**](https://www.cbtnuggets.com/it-training/vmware-vcenter-orchestrator-5-5-foundations-for-vsphere)**. Ask questions to** your Mentors on any topics:  |  | | --- | | **Initial** | | 1. VMware vSphere Data Center Virtualization (3 min) | | 2. The Hype about Hypervisors (33 min) | | 3. A Dream within a Dream (35 min) | | 10. vCenter Install (18 min) | | 11. Add ESXi hosts to vCenter (23 min) | | 39. ESXi Shell and CLI (19 min) | | 23. vMotion Fundamentals (28 min) | | 24. vMotion in Motion (23 min) | | 28. VM Memory & CPU Controls (39 min) | | 18. Datastore Adds and Changes (23 min) | | 25. Distributed Resource Scheduler (18 min) | | 26. Affinity (24 min) | | 35. Storage DRS (34 min) | |
| TECHNICAL TRAINING PLAN – WBT/ILT |
| **Plan to complete following Trainings during your first 12 month period**   |  | | --- | | Mandatory Trainings | | Course Name | **Source** | | [ITIL: Foundation Level](https://www.cbtnuggets.com/it-training/itil-foundation-level) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | [VMware vSphere 6 (VCP6-DCV)](https://www.cbtnuggets.com/it-training-videos/vmware-vsphere-6-vcp6-dcv) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | [VMware vSphere 5.5](https://www.cbtnuggets.com/it-training/vmware-vsphere-5-5-vcp5-dcv)  [VCP5-DCV](https://www.cbtnuggets.com/it-training/vmware-vsphere-5-5-vcp5-dcv) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | [vCenter Orchestrator](https://www.cbtnuggets.com/it-training/vmware-vcenter-orchestrator-5-5-foundations-for-vsphere)  [5.5 Foundations](https://www.cbtnuggets.com/it-training/vmware-vcenter-orchestrator-5-5-foundations-for-vsphere) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | [Linux Essentials](https://www.cbtnuggets.com/it-training/linux-essentials) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | NSX training: | <https://soco.intel.com/groups/compute-strategy-and-design-working-group/projects/vmware-kb-articles/content> | | Linux Performance tools | <https://iref.intel.com/Getdoc.aspx?RefLibObjectID=0902007c80043ec9> |  |  | | --- | | Introductory Self-Paced Trainings | | Course Name | **Source** | | [VMware vRealize Operations Manager Fundamentals [V6.0]](http://mylearn.vmware.com/mgrReg/courses.cfm?ui=www_edu&a=det&id_course=251354) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [vRealize Operations Manager What's New [V6.0] Fundamentals](https://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=62038) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [vRealize Orchestrator for vRealize Automation [V6.1] Fundamentals](https://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=det&id_course=244418) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [VMware vRealize Hyperic Fundamentals [V5.8]](https://mylearn.vmware.com/mgrReg/courses.cfm?ui=www_edu&a=det&id_course=240884) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [VMware vCenter Configuration Manager Fundamentals [V5.7]](https://mylearn.vmware.com/mgrReg/courses.cfm?ui=www_edu&a=det&id_course=234208) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [VMware vCenter Operations Manager for View Fundamentals [V5.X]](https://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=det&id_course=160707) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [VMware vCenter Operations Manager Fundamentals [V5.6]](https://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=det&id_course=171758) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [vCloud Automation Center Application Services: Fundamentals [V6]](https://mylearn.vmware.com/mgrReg/courses.cfm?ui=www_edu&a=det&id_course=215748) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [VMware vCloud Director Fundamentals [V5.1]](https://mylearn.vmware.com/mgrReg/courses.cfm?ui=www_edu&a=det&id_course=158926) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | |
| WW 04 Plan |
| COMPUTE ENVIRONMENT AND PROCESSES |
| * [About DCU overview of IGBN and DMZ(different clusters)](file:///\\VMSPSIO01\DCU%20Training\PART%20B\DCU%20envs.pptx.doc) * [Over view of Virtual center (VCA and VCD)](file:///\\VMSPSIO01\DCU%20Training\PART%20B\Overview%20VCenter.pptx.doc) * [Overview of Blade Center and Blade servers and Rack mount server](file:///\\VMSPSIO01\DCU%20Training\PART%20B\Blade%20serversand%20Rackmount.pptx.doc) * [Over view HTZ DCU](file:///\\VMSPSIO01\DCU%20Training\PART%20B\HTZ.pptx.doc) * [Overview of Esxi Build](file:///\\VMSPSIO01\DCU%20Training\PART%20B\Esxi%205.5%20Build-Rebuild%20Process.pptx.doc) * Build your First VM manually <USE FM7 LAB ENVIRONMENT (*Details to be added*)>   1. [Over view VM Provision(Template and Manual process)](file:///\\VMSPSIO01\DCU%20Training\PART%20C\VM%20provision-template%20and%20amnual.doc)   2. DCU Windows based VM Provisioning Process: <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c80032b14>   <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c8002cbf5>   * 1. DCU SUSE Linux based VM Provisioning Process:   <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c8002f946>   * 1. [Physical to Virtual Conversion](file:///\\VMSPSIO01\DCU%20Training\PART%20C\P2V%20and%20V2V%20Conversion%20for%20LIVE_2.0.doc)   2. [Virtual to Virtual Conversion(cloning)](file:///\\vmspsio01.amr.corp.intel.com\d$\DCU\DCU%20Training\PART%20C\cloning.doc) |
| WW04-08 Plan |
| BKMS AND MORE LEARNING |
| Work with Mentor to integrate into DCU On-Call Training:   * DCU On-Call process will be good early step to get you introduce to the environment. * You will be covered/shadowed through your first 2 DCU On-Call cycles. * Plan with your mentor to be independently in DCU On-Call during your first 4 months of DCU Journey. * Intel Cloud environment reference guide is located [here](https://sharepoint.amr.ith.intel.com/sites/dchchs/garserverops/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2Fdchchs%2Fgarserverops%2FShared%20Documents%2F2014%2FOpenCloud%20Docs%2FCompute%5FNew%20Member%20Integration%20Docs)   Work with Mentor to get integrated with On-Call Schedule:   * [Over view Service now (Incident, service request, Change request and Problem Management)( Service Now Profile setup)](file:///\\VMSPSIO01\DCU%20Training\PART%20C\Service%20Now%20Overview.doc) * [DCU On-call Over View and Process](file:///\\VMSPSIO01\DCU%20Training\PART%20C\DCU%20on%20call%20overview%20and%20process.doc) * [DCU SLA](file:///\\VMSPSIO01\DCU%20Training\PART%20C\DCU%20SLAs.doc) * [Overview KCDB](file:///\\VMSPSIO01\DCU%20Training\PART%20C\KCDB%20overview.doc) * [Overview CMDB](file:///\\VMSPSIO01\DCU%20Training\PART%20C\CMDB%20overview.doc) * [IMOD Overview](file:///\\VMSPSIO01\DCU%20Training\PART%20C\iMoD%20overview.doc)   Following are general resources for ON-call Use:   * ESX-Add-Luns-TechPass: <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c8002a8f0> * ESX-Add-Luns-TechPass.doc: <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c8002c962&Latest=True> * Virtual Machine Memory Constraint Troubleshooting: <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c8002db07&Latest=True> * Virtual Machine Disk Latency troubleshooting: <https://iref.intel.com/GetDoc.aspx?RefLibObjectID=0902007c8002d5a7&Latest=True> * Adding New Networks to Enclosure: <http://itdoclib.intel.com/getdoc.asp?id=144982>   Learn all General BKM’s used by GSM:  **VC** [Status or state of 'ESX\_Name' on the Virtual Center 'VC\_NAME' is not OK. Please check](https://wiki.ith.intel.com/display/GSMWiki/Status+or+state+of+%27ESX_Name%27+on+the+Virtual+Center+%27VC_NAME%27+is+not+OK.+Please+check) [VC server service failed and the monitor failed to restart it](https://wiki.ith.intel.com/display/GSMWiki/VC+server+service+failed+and+the+monitor+failed+to+restart+it) [VC web service failed and the monitor failed to restart it](https://wiki.ith.intel.com/display/GSMWiki/VC+web+service+failed+and+the+monitor+failed+to+restart+it) [vpxd service failed and automatic restart attempt has failed](https://wiki.ith.intel.com/display/GSMWiki/vpxd+service+failed+and+automatic+restart+attempt+has+failed) [VMware License Server Service is not running](https://wiki.ith.intel.com/display/GSMWiki/VMware+License+Server+Service+is+not+running) [Out of space issues on drive G for vCenter SQL servers](https://wiki.ith.intel.com/display/GSMWiki/Out+of+space+issues+on+drive+G+for+vCenter+SQL+servers)  **ESX** [HP Chassis Alarm Response](https://wiki.ith.intel.com/display/GSMWiki/HP+Chassis+Alarm+Response) [Over Allocation of a LUN - BKM](https://wiki.ith.intel.com/display/GSMWiki/Over+allocation+of+a+LUN) [VMWARE ESX 'ESX\_Name' HW failure 'failure description'](https://wiki.ith.intel.com/pages/viewpage.action?pageId=36342689) [VMWARE ESX 'ESX\_Name' Active memory is above 90% for more than one hour](https://wiki.ith.intel.com/pages/viewpage.action?pageId=36342691) [VMWARE ESX 'ESX\_Name' CPU 0 is 100% for more than one hour](https://wiki.ith.intel.com/pages/viewpage.action?pageId=36342694) [VMWARE ESX CPU average for all CPU's is above 85% for more than one hour](https://wiki.ith.intel.com/pages/viewpage.action?pageId=36342698) [ESX Network usage is above configured threshold](https://wiki.ith.intel.com/display/GSMWiki/ESX+Network+usage+is+above+configured+threshold)  [ESX Host Health Check](https://wiki.ith.intel.com/display/GSMWiki/ESX+Host+Health+Check) [HW events in ESXi Hosts](https://wiki.ith.intel.com/display/GSMWiki/HW+events+in+ESXi+Hosts)  **VM** [Memory Upgrade, CPU Addition, Disks Addition and Extension for Virtual Machines on DCU Environments – Guidelines and Process for GSM](https://wiki.ith.intel.com/pages/viewpage.action?pageId=50267095) [Virtual Machine not responding to RDP or Remote Connections](https://wiki.ith.intel.com/display/GSMWiki/Virtual+Machine+not+responding+to+RDP+or+Remote+Connections) [Customer gets a Windows Script Host Error at logon](https://wiki.ith.intel.com/display/GSMWiki/Customer+gets+a+Windows+Script+Host+Error+at+logon) [OS rebuild request for VMs](https://wiki.ith.intel.com/display/GSMWiki/OS+rebuild+request+for+VMs) [How to Setup the Page File Settings](https://wiki.ith.intel.com/display/GSMWiki/How+to+Setup+the+Page+File+Settings) [Windows 2008 VM Video Driver Configuration](https://wiki.ith.intel.com/display/GSMWiki/Windows+2008+VM+Video+Driver+Configuration) [Setting DRS to Manual](https://wiki.ith.intel.com/display/GSMWiki/Setting+DRS+to+Manual) [How to analyze VM performance issues using Virtual Center Resources](https://wiki.ith.intel.com/display/GSMWiki/How+to+analyze+VM+performance+issues+using+Virtual+Center+Resources) [How-to Vmotion a VM](https://wiki.ith.intel.com/display/GSMWiki/How-to+Vmotion+a+VM) [EBaR VM](https://wiki.ith.intel.com/display/GSMWiki/EBaR+VM) (How to add a backup NIC, requesting Veritas install on VMs, etc) [Security Enforcement](https://wiki.ith.intel.com/display/GSMWiki/Security+Enforcement) (Disconnect a Virtual Machine due to security issues) [IPSEC Workaround](https://wiki.ith.intel.com/display/GSMWiki/IPSEC+Workaround) [VM user reports they cannot ping the IP address of the VM](https://wiki.ith.intel.com/display/GSMWiki/VM+user+reports+they+cannot+ping+the+IP+address+of+the+VM) [IMODS](https://wiki.ith.intel.com/display/GSMWiki/IMODS) (BKM for GSM to determine current memory usage for memory resource requests) [Virtual Machine CPU Usage](https://wiki.ith.intel.com/display/GSMWiki/Virtual+Machine+CPU+Usage) (BKM for How to proceed when VM is with high CPU usage)  Following are general tools used during ON-call. Get familiar with the use of these tools:   * [RVTools](file:///\\VMSPSIO01\DCU%20Training\PART%20C\Automate_RVTools_Reports.docx) * [Vcheck report](file:///\\VMSPSIO01\DCU%20Training\PART%20C\vCheck%20Report.doc) * [DCU Performance Monitor](file:///\\VMSPSIO01\DCU%20Training\PART%20C\Performance%20Analysis-BKM.doc) * [DCU Script servers](file:///\\VMSPSIO01\DCU%20Training\PART%20C\DCU%20Script%20Servers.doc) |
| CBTNUGGET courses in career path of Compute Resources: |
| [**https://www.cbtnuggets.com/all-courses**](https://www.cbtnuggets.com/all-courses)  **DEVOPS** Apache Hadoop Chef Fundamentals  **IT SOFT SKILLS** Agile for the Real World  **NETWORK ADMINISTRATION/ENGINEERING** CCNA Hands-on Labs Using Wireshark & GNS3 Cisco CCNP Security Firewall NetApp Certified Storage Associate (NCSA) NS0-145 Professional Course: Building a Network Design that Works  **PROGRAMMING AND DEVELOPMENT** AngularJS Microsoft SQL Server 2012 70-461, 462, 463 Python Programming Web Development: Layout and Update Web Pages  **SYSTEM ADMINISTRATION/ENGINEERING** (ISC)2 Security CISSP CentOS System Administrator Prep CompTIA A+ 220-801 and 220-802 EC Council Certified Ethical Hacker 8.0 Linux Essentials LPI Linux LPIC-1 and CompTIA Linux+ Prep Microsoft Windows Server 2012 70-410 with R2 Updates, 411, 412, 413, 414, 416, 417 Penetration Testing with Linux Tools PowerShell 3 Foundations Ubuntu VMware vSphere 5.5 VCP5-DCV Windows PowerShell v2-v3-v4 Ultimate Training Wireshark |
| Additional Recommended Training |
| * Participate in [Compute Scripting CoP](https://soco.intel.com/groups/compute-scripting-cop) * Use your New skills to solve [Compute bounties](https://soco.intel.com/groups/compute-scripting-cop/content?filterID=contentstatus%5bpublished%5d~category%5bbounties%5d)  |  |  |  |  | | --- | --- | --- | --- | | **Timeframe** | **Course Title** | | | | Within first month | **Choose one of the options below:**   1. Office Safety & Ergonomics (10002766)   or   1. Ergo in Mfg., Labs, Warehouses & CS Facilities (10003828) |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?courseid=10002766)  1.5 hrs  $0 USD  or  [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01151694)  1.5 hrs  $0 USD | | Within first month | Harassment Avoidance |  | [**Web Training**](http://intelu.intel.com/ProdSvcs/EmpDev/GS-HarassmentAvoidance/HarassmentAvoidance.htm)  **1** hr  $0 USD | | Within six months | Decision Making using RAPID (10002750) |  | [**Web Training**](http://ease.intel.com/es/mylearning/goto.aspx?offeringid=01120484)  30 min  $0 USD | | Within twelve months | **Choose one of the options below:**   1. Career Development Workshop for IC’s (01245725)   or   1. Career Development Workshop for Managers (01245724) |  | [**Classroom**](https://sharepoint.amr.ith.intel.com/sites/Global_ILD_Public/Offerings/SiteAssets/Employee%20Development.aspx)  8 hrs  $50 USD  or  [**Classroom**](https://sharepoint.amr.ith.intel.com/sites/Global_ILD_Public/Offerings/SiteAssets/Manager%20Development.aspx)  8 hrs  $50 USD | |
| Experienced Technical trainings |
| |  |  |  | | --- | --- | --- | | **Course Title** | **Duration** |  | | [vSphere: What's New [V5.5 to V6]](http://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=60896)  OR  [vSphere: FastTrack [V6]](http://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=66249) | 2 Days | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=47926&ui=www_edu) | | [vRealize Operations Manager: Install, Configure, Manage [V6.0]](http://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=58804) | 5 Days | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=47926&ui=www_edu) | | [vRealize Automation: Install, Configure, Manage [V6.2]](http://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=60966) | 5 Days | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=47926&ui=www_edu) | |  |  |  | |  |  |  | |  |  |  |  |  | | --- | | Optional Advanced Trainings | | Course Name | **Source** | | Cloud Orchestration and Extensibility [V6.X] | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | Cloud Automation: Design & Deploy [V6.0] | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | vRealize Business: Costing and Implementation [V8.0] | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=33611&ui=www_edu) | | [Cloud Orchestration and Extensibility [V6.1]](http://mylearn.vmware.com/mgrreg/courses.cfm?ui=www_edu&a=one&id_subject=56449) | [VMware Education](https://mylearn.vmware.com/mgrReg/plan.cfm?plan=47926&ui=www_edu) | | [PowerShell 3 Foundations](https://www.cbtnuggets.com/it-training-videos/microsoft-windows-powershell-3) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | [Ubuntu](https://www.cbtnuggets.com/it-training-videos/ubuntu-linux) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | | [Python Programming](https://www.cbtnuggets.com/it-training-videos/python-programming) | [CBTNUGGETS](https://www.cbtnuggets.com/all-courses) | |
| Log your Training Progress |
| |  |  |  | | --- | --- | --- | | Training Log | | | | WW01 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW02 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW03 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW04 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW05 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW06 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW07 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW08 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW09 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | WW10 | Add Progress |  | | Questions for Mentor |  | | Other Comments |  | | Other Comments |  | |
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