

CIS TRAINING 2019

Background

The CIS training planning is based on the Eurocorp's CIS Training Master plan which describe the courses that should be done yearly.

As time pass the training needs change and must be reviewed and adapted.

On a yearly basics 1/3 of the personnel rotates in Eurocorps (EC).

Sometimes the newcomers come without the specific knowledge on the software versions used in EC. Even though they come with the formation it is highly recommended to unify it.

The final aim is to give all of them the basic knowledge throughout the specific software architecture of the EC networks to have the minimum flexibility without relying on anyone for facing new challenges that make changes on CIS Coy manpower.

Objective

- Consulting the teacher when needed.
- Do extra works/sessions during the on-the-job training.
- Check manuals or any other support material.

Most of the training will be done in the EC IT classroom (classroom 00-06 in building 43) in Adv barracks.

Courses Proposal

Adapting the EC CIS Training Master Plan for 2019 these are the courses proposed and included under this justification document:

- IT MANAGEMENT: DevOPS courses
- CISCO: CISCO Certified Design Professional (CCDN)
- Administration: Windows Update Server, SCCM ,POWERSHELL, SQL and SharePoint, HP STORE VIRTUAL 4500 appliance Server, Symantec Back Up 2010
- Security: McAfee antivirus (including EPO agent)

The courses objectives, descriptions, sessions, laboratories...can be checked in:

- Microsoft: www.microsoft.com/learning/en-us/training.aspx
- CISCO www.cisco.com
- DevOPS Fundamentals: www.devopsagileskills.org
- HP: www.education.hpe.com
- McAfee: www.mcafee.com
- Symantec www.veritas.com

Here under you can see the courses codes when available. All the courses listed are 'official courses' or 'equivalent' and must be done following the official material. One hardcopy of the material per attendee must be provided. When possible, a softcopy will be also welcome.

English will be the language used during the courses

It will be also validated the creation of the EC LMS platform in the other official languages: French, German, Spanish. (See criteria)

1. IT Management
 - a. DevOPS Fundamentals (including certification exam)
2. CISCO
 - a. CCDP: Implementing Cisco IP Routing (ROUTE)v2.0
 - b. CCDP: Implementing CISCO IP Switched Networks (SWITCH) 2.0
3. Administration:
 - a. Microsoft courses:
 - i. WINDOWS WSUS: Windows Update Server part from course 20740C Install, storage and compute with Windows Server 2016
 - ii. SSCM: Administering System Center Configuration Manager (Course 20703-1)
 - iii. SharePoint: Planning and Administering SharePoint 2016 (Course 20339-1A)
 - iv. PowerShell: Advanced Automated Administration with Windows PowerShell (Course 10962C)
 - v. SQL: Administering a SQL Database Infrastructure (Course 20764C)
 - b. Hewlett Packard:
 - i. HP STORE VIRTUAL: HPE Virtual Storage Administration and configuration (Course HK364S)
 - c. Veritas:
 - i. Backup: Backup Exec 2010 Administration by Veritas.
4. Security:
 - a. McAfee:
 - i. McAfee ePolicy Orchestrator Administration

No official certification exam will be done at the end of the courses (except for the DevOPS Foundation)

Key terms

- *E-learning*: It has to be understood as courses online with specific access to an enterprise e-learning platform (LMS). **(For the Microsoft is mandatory the creation of a dedicated eLearning portal for EC hosted in the provider's LMS platform (Software as a service model-SaaS)).**
- *On presence course/phase* of a course: It has to be understood as a face-to-face classroom method in EC facilities.
- *Blended learning*: It has to be understood as a method blending both online and face to face instruction. It will occur at the activity and course levels and it will be focused

on a model of “enhancing blends” which allows for incremental changes to the pedagogy and characterized by the inclusion of supplemental online resources (f.e. video-record) and the implementation of online activities.

- *LMS or LMS e-learning platform*: The “Learning Management System” platform. This LMS should be able to do the following
 - o *Centralize and automate administration related with the courses contracted.*
 - o Use self-service and self-guided service.
 - o Assemble and deliver learning content rapidly.
 - o Consolidated training initiatives on a scalable web-based platform.
 - o Support portability and standards.
 - o Personalize content and enable knowledge reuse.

Although it will not be widely use during 2019, it is needed to support the courses attendees and it will also be part of the Eurocorps image to the outer world.

- *EUROCORPS facilities*: In ADV barracks (Strasbourg), using the classroom 00-06 in building 43 (security class II area).
- Classroom 00-06: It is a certified CISCO classroom where up to 8 workstations are connected in a LAN configuration to the internet.
- Workstations software is: OS (Windows7), Microsoft Office 2010 and antivirus. Rest of the software must be managed by the provider and uninstalled at the end of each course. Different learning options that does not require software installation, like internet virtual laboratories or similar are allowed.
- NOTE: If the course must be followed OUTSIDE Eurocorps facilities due to the need of special materials such as physical laboratories, special appliances, special equipment configurations..., the new location must be close to Strasbourg.

Schedule

	Course Code	Course Denomination	Students	Proposed calendar week(s)	Estimated Cost
IT Management		DevOPS	6	5 days(Week 13)	
				TOTAL IT Mgt.	
CISCO	CCDP	Implementing Cisco IP Routing (ROUTE)v2.0	4	5 days (Week 11)	
	CCDP	Implementing CISCO IP Switched Networks (ARCHITECTURE) 3.0	4	5 days (Week 12)	
				TOTAL CISCO	
ADMINISTRATION (MICROSOFT)	Part of Course 20741	WSUS in Windows Server 2016	6	5 days (Week 10)	
	Course 20703-1	Administering System Center Configuration Manager	6	5 days (Week 25)	
	Course 20339-1A	Planning and Administering SharePoint 2016	6	5 days (Week 36)	
	Course 20764C	Administering a SQL Database Infrastructure	6	5 days (Week 26)	
	Course 10962C	Advanced Automated Administration with Windows PowerShell	6	5 days (Week 38)	
				TOTAL MICROSOFT	
ADMINISTRATION HP	Course HK364S	HPE Virtual Storage Administration and configuration	4	3 days (Week 27)	
				TOTAL HPE	
ADMINISTRATION VERITAS		Backup Exec 2010 Administration	4	3 days (Week 48)	
				TOTAL VERITAS	
SECURITY		McAfee ePolicy Orchestrator Administration	4	5 days (Week 49)	
				TOTAL SECURITY	
		TOTAL ATTENDEES	60	TOTAL ESTIMATION	