Certification Test

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Lecture 25

Credits

- Open Software Foundation
- OSF™ DCE 1.1 Administration Skills Certification
- Test #1   Sample Test

Question 1.1

Objective 1.1: Describe the purpose of the endpoint map.

For which DCE processes does a host endpoint mapper store endpoints for ?

A. for DCE application servers running on the local machine

B. for DCE application servers running in the cell

C. for DCE core servers running on the local machine

D. for DCE core servers running in the cell

Answer: A,C

Question 1.2

Objective 1.2: Describe the procedure for and impact of deleting an entry from the endpoint map.

Which are needed for an application server using objects when deleting its endpoint(s) from the local host's endpoint map database?

A. the CDS pathname

B. the interface ID

C. the name of the server

D. the string binding

E. the object UUID

Answer: B,D,E

Question 2.1

Objective 2.1: Describe the steps needed for creating and managing an account for a new user.

Which permissions must you have to create an account for a principal that is already a member of the group and organization?

A. maug permissions for the principal named in the account

B. at least one permission for the group named in the account

C. rtM permissions for the group named in the account

D. mau permissions for the principal named in the account

Answer: B, D

Question 2.3

Objective 2.3: Describe the information and steps needed to manage a key table using the DCE daemon (dced) keytable management facilities..

Which permissions are required to create a keytab object using a hosts dced?

A. rw permissions on the directory that holds the keytab file on the local file system

B. i permissions to the /.:/hosts/hostname/config/keytab container on the host

C. ar permissions to the /.:/hosts/hostname/config/keytab container on the host

D. i permissions to the /.:/hosts/hostname/config directory

Answer: B

Question 2.4

Objective 2.4: Describe the process used to add or delete a key table entry, and identify the information needed.

What is the minimum information required to add an entry to a key table?

A. the password of the server principal

B. the name of the server principal

C. the name of the key table file

D. the password of the machine principal

Answer: B,C

Question 3.1

Objective 3.1: Identify the steps and conditions necessary to create a CDS object

What must you have to create a CDS object?

A. a non-zero object creation quota

B. the write permission to the parent directory

C. the insert permission to the parent directory

D. the write and insert permission to the parent directory

Answer: C

Question 3.3

Objective 3.3: Describe the steps and conditions needed to modify the attributes for CDS objects.

Which is a valid argument for the -change option in the dcecp object modify command?

A. the object to be modified

B. the list of attributes and their values to be modified

C. the privileges to be changed for the object

D. the name of the directory that contains the object

Answer: B

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Question 3.4

Objective 3.4: Describe the process and conditions needed to protect CDS objects.

Which command would makes the attributes for the CDS object /.:/hosts/alfred/test unobservable to user Smith, but not change permissions for any other user?

A. dcecp -c acl replace -e /.:/hosts/alfred/test -change {user smith -----}

B. dcecp -c acl modify /.:/hosts/alfred/test -change {user smith -----}

C. dcecp -c acl modify -e /.:/hosts/alfred/test -replace {user smith -----}

D. dcecp -c acl modify -e /.:/hosts/alfred/test -change (user smith -----}}

Answer: D

Question 4.1

Objective 4.1: Identify the steps and conditions needed to create a CDS directory.A directory named foo is to be created. Here is the ACLs for it's parent directory, and the ACL for the clearinghouse that will hold foo.

Parent directory ACL	Clearinghouse ACL
{user mary rwdtcia}	{group research r--t-}
{group marketing r--t---}	{group subsys/dce/cds-admin rwdtc}
{group research rw-t-i-}	{group subsys/dce/cds-server rwdtc}
{group finance rw-t---}	{any_other rwdtc}
{group subsys/dce/cds-admin rwdtcia}	{unauthenticated r--t-}
{group subsys/dce/cds-server rwdtcia}	
{any_other r--t---}	
{unauthenticated r--t---}	

Who can create the directory?

A. principal-> john, a member of the group-> marketing, research and finance

B. principal-> mary, a member of the group-> business and accounting

C. principal-> bill, a member of the group-> subsys/dce/cds-admin

D. principal-> louise, a member of the group-> research and marketing

Answer: B,C

Question 4.2

Objective 4.2: Describe the conditions and steps required to delete a CDS directory.

To delete a CDS directory, what permission set is needed?

A. read and write

B. read, write and administer

C. delete

D. delete and administer

Answer: C

Question 4.3

Objective 4.3: Describe the meaning and use of the CDS_Convergence attribute.

For a replicated directory, which value should be assigned to its CDS_Convergence attribute to maximize the consistency of its replicas?

A. none

B. low

C. medium

D. high

Answer: D

Question 4.4

Objective 4.4: Describe the process and conditions needed to protect CDS directories.

Which permissions are needed to synchronize a CDS directory?

A. write, insert, administer and synchronize

B. write, insert and administer

C. write, insert and modify

D. write, insert, administer and delete

E. synchronize

Answer: D

Question 5.1

Objective 5.1: Identify the steps and conditions needed to create a CDS soft link.

What can CDS soft links point to?

A. groups and profiles only

B. groups, profiles and directories

C. objects and directories only

D. objects, directories and softlinks

Answer: B.D

Question 5.2

Objective 5.2: Describe the steps and conditions needed to delete a CDS soft link.

What happens to a CDS soft link with the CDS_LinkTimeout attribute value of 1996-10-12-09:00:00 045-00:00:00 whose destination name no longer exists?

A. It will be deleted on October 12, 1996 at 9:00 AM.

B. It will be renewed for 45 days after October 12, 1996 at 9:00 AM.

C. It will be deleted by the next skulk after October 12, 1996 at 9:00 AM.

D. It will be deleted by the next skulk that occurs 45 days after October 12, 1996.

Answer: C

Question 6.1

Objective 6.1: List the steps required to create and maintain principals in the registry.

Which dcecp commands would create a principal named bob in the security registry?

A. principal create bob

B. principal create /.:/bob

C. principal create /.:/bob -group none -org none

D. principal create /.:/sec/principal/bob -group none -org none

Answer: A,B

Question 6.2

Objective 6.2: Describe the steps and conditions needed to protect principals in the security namespace.

Which statement is true for the following commands and output?

dcecp> acl show /.:/sec/principal/dave

{user_obj r---f--ug}

{user cell_admin rcDnfmaug}

{group acct-admin rcDnfmaug}

{group sales_admin r---fm-u-}

{other_obj r-------g}

{any_other r--------}

{unauthenticated r---f--ug}

dcecp> group list acct-admin

/.../osf_east/cell_admin

/.../osf_east/dave

dcecp> group list sales_admin

/.../osf_east/mary

/.../osf_east/sales/mary

A. Principal mary has rfmu permissions.

B. Principal root has rcDnfmaug permissions.

C. Unauthenticated users have rfug permissions.

D. Principal sales/mary from the osf_east cell has r permission only.

Answer: A

Question 6.3

Objective 6.3: Describe the conditions and steps required to delete a principal and describe the impact of deleting a principal.

What is a prerequisite you must have to delete the principal named bob from the security registry?

A. d permission on /.:/sec/principal

B. cell_admin credentials

C. f permission on /.:/sec/principal/bob

D. you must be a member of the sec-admin group

Answer: A

Question 6.4

Objective 6.4: Describe the steps and conditions needed to modify a principal's attributes.

Which permission set is required to modify the attributes of the principal named bob?

A. m on the directory and rm on the principal

B. rfmu on the principal only

C. rm on the principal only

D. m on the directory only

Answer: B

Question 6.5

Objective 6.5: Describe the steps and conditions needed to manage a principal's ERAs.

Which statements are true for the invalid login functionality?

A. It does not keep accurate counts when using replicated security deamons.

B. The principal needs to use third-party pre-authentication

C. When the maximum invalid attempts is reached, the account is locked until the cell admin unlocks it.

D. The principal needs p permissions.

Answer: A, B

Question 7.2

Objective 7.2: Describe the process and conditions needed to protect groups in the security namespace.

How do you prevent the members of a security group from changing their security group's information?

A. Do not grant cwM permissions to group_obj.

B. Set {inprojlist no} for the group.

C. Do not allow user level entry for the member of the group with cwM permissions.

D. Do not grant cwM permissions for the members of the group using user and group ACL entries.

Answer: D

Question 7.5

Objective 7.5: Describe the process of adding a principal to additional groups.

Which permissions does the principal dave have to the CDS directory named /.:/database?

```
dcecp> princ show dave -all
{fullname {}}
{uid 1004}
{uuid 000003ec-9235-21cf-a200-0800099d33de}
{alias no}
{quota unlimited}
{groups none acct-admin database_admin sales_admin hr_admin}
{max_invalid_attempts 5}
{disable_time_interval 10}
{pre_auth_req 0}
dcecp> group show none
{alias no}
{gid 12}
{uuid 0000000c-4ae3-21cf-a601-0800099d33de}
{inprojlist yes}
{fullname {}}
dcecp> group show acct-admin
{alias no}
{gid 120}
{uuid 00000078-4ae3-21cf-8a01-0800099d33de}
{inprojlist yes}
{fullname {}}
dcecp> group show database_admin
{alias no}
{gid 128}
{uuid 00000080-92cf-21cf-9501-0800099d33de}
{inprojlist no}
{fullname {}}
dcecp> group show sales_admin
{alias no}
{gid 127}
{uuid 0000007f-927b-21cf-a201-0800099d33de}
{inprojlist no}
{fullname {}}
dcecp> group show hr_admin
{alias no}
{gid 130}
{uuid 00000082-92cf-21cf-9501-0800099d33de}
{inprojlist no}
{fullname {}}
dcecp> acl show /.:/database
{unauthenticated r--t---}
{user cell_admin rwdtcia}
{user hosts/ballard/cds-server rwdtcia}
{group subsys/dce/cds-admin rwdtcia}
{group subsys/dce/cds-server rwdtcia}
{group database_admin rw-t---}
{group hr_admin --d-cia}
{any_other r--t---}
```

A. rwt

B. dcia

C. rwdtcia

D. rt

Answer: D

Question 8.1

Objective 8.1: List the steps required to create an organization in the registry.

Which are valid attributes for a security organization?

A. uuid, orgid, server, fullname

B. uuid, orgid, fullname, shell

C. orgid, fullname, acctlife

D. uuid, acctlife, shell

Answer: C

Question 9.1

Objective 9.1: List the information and describe the use of the information returned from the dcecp cell show command.

Given the following exhibit, which statements are true?:

```
dcecp> cell show
{secservers
 /.../osf_east/subsys/dce/sec/master
 /.../osf_east/subsys/dce/sec/jerry}
{cdsservers
 /.../osf_east/hosts/ballard
 /.../osf_east/hosts/jerry}
```

Question 9.2

Objective 9.2: Describe the use of the dcecp cell ping command in determining the status of core servers and host machines in the cell.

What does a cell ping command without options do?

A. ping the master security daemon

B. ping the CDS server that holds the master replica of the cell root

C. ping all DTS server daemons

D. ping all the hosts

E. ping all the applicable servers

Answer: A,B,C

Question 9.3

Objective 9.3: Identify the DCE services which must be running in a fully configured cell, and identify the sequence in which they are configured.

Which statements is are true regarding a DCE server machine?.

A. It runs a Security daemon and/or a CDS daemon.

B. It cannot run client applications.

C. It only runs client applications.

D. It only runs application servers.

Answer: A

Question 10.1

Objective 10.1: List and describe the characteristics of the ACLs assigned to container objects.

In the CDS namespace you have a directory named /.:/users/kar. User kar needs to create a new CDS directory named /.:/users/kar/dev_dir and place it in the clearinghouse /.:/turing_ch. How should you set the permissions to allow user kar to create the directory?

A. {user kar ri} on object ACL of /.:/users/kar

B. {user kar rw} on object ACL of /.:/turing_ch

C. {user kar rwdtci} on initial container creation ACL of /.:/users/kar

D. {user kar rwdtci} on initial object creation ACL of /.:/users/kar

Answer: A,B

Question 10.2

Objective 10.2: Given a DCE entity and its ACL, describe the characteristics of the ACL entry types and permissions.

What does the delete permission on /.:/hosts/babbage/config/keytab/key_file allow you to do?

A. remove an entry from a key table

B delete a server principal name in the key table

C. remove the storage location of the key table

D. remove a key from the registry

E. remove a key table object from the host namespace

Answer: E

Question 10.4

Objective 10.4: Describe the steps used to modify an ACL entry.

Which dcecp command modifies the ACL that protects a DTS daemon on the host kevin?

A. acl modify /.:/hosts/kevin/dts-entity -change {principal mary rwc}

B. acl modify /.:/hosts/kevin/dts-entity -entry -change {principal mary rwc}

C. acl modify /.:/hosts/kevin/dts-entity -change {user mary rwc}

D. acl modify /.:/hosts/kevin/dts-entity -entry -change {user mary rwc}

Answer: C