Predefined Roles and Rules

A set of predefined RBAC roles and rules are installed when the DESS software is installed if the RBAC objects are chosen for installation. You can use the predefined roles and rules as models for the roles and rules that your deployment will use. This appendix explains the predefined roles and rules.

Predefined Roles

The DESS software provides the set of predefined roles described in Table A-1. You can use a predefined role as it exists or use it as a model for creating a similar role with a modified set of privileges.

Table A-1   DESS/AUTH Predefined Roles

Predefined Role	Privileges	Dynamic Subject Occupants
ACCOUNT_MANAGER_ROLE	Cisco_Dess_CreateAccount Cisco_Dess_DeleteAccount Cisco_Dess_CreateSubAccount Cisco_Dess_DeleteSubAccount	None
CREATOR_SUPERVISOR_ROLE This is a superuser role and should not be deleted.	Cisco_Dess_Supervisor Cisco_Azn_Super	Creator
PARENT_MANAGE_ROLE	Cisco_Dess_Manage	Parent
PUBLISHER_ROLE	Cisco_Dess_CreateService Cisco_Dess_CreateServiceGroup Cisco_Dess_DeleteService Cisco_Dess_Subscribe	None
SELF_MANAGE_ROLE	Cisco_Dess_Manage	Self
SELF_SERVICE_ROLE	Cisco_Dess_Manage_Password Cisco_Dess_Modify Cisco_Dess_Read	Self
SUBSCRIBER_ROLE	Cisco_Dess_Subscribe	None
SUPERVISOR_ROLE	Cisco_Azn_Super Cisco_Dess_Supervisor	None

Predefined Rules

Each predefined role (Table A-1) has a corresponding a predefined rule. Table A-2 lists the predefined rules. For example, the ACCOUNT_MANAGER_ROLE is the affected role in the ACCOUNT_MANAGER_RULE. The predefined rules specify the conditions and the resources for the privileges granted by the corresponding role. For the predefined rules (for example, SUBSCRIBER_RULE) where no resources are specified, the service-provider administrator can update the rule and define resources after the RBAC objects installed.

Table A-2   DESS/AUTH Predefined Rules

Predefined Rule	Corresponding Role
ACCOUNT_MANAGER_RULE	ACCOUNT_MANAGER_ROLE
CREATOR_SUPERVISOR_RULE	CREATOR_SUPERVISOR_ROLE
PARENT_MANAGE_RULE	PARENT_MANAGE_ROLE
PUBLISHER_RULE	PUBLISHER_ROLE
SELF_MANAGE_RULE	SELF_MANAGE_ROLE
SELF_SERVICE_RULE	SELF_SERVICE_ROLE
SUBSCRIBER_RULE	SUBSCRIBER_ROLE
SUPERVISOR_RULE	SUPERVISOR_ROLE

Two of the predefined rules have resources defined: SELF_MANAGE_RULE and SUPERVISOR_RULE. In both cases, the resources are defined as the Organizational Unit container (for example, ou=sesm, o=cisco) where the CDAT/DESS objects are created. Therefore, the privileges are for all applicable resources in the sesm Organizational Unit of the cisco Organization. The sesm Organizational Unit and cisco Organization are the default values when the SESM software is installed. The installer can change these values during the DESS software installation.