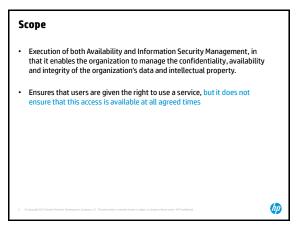


Access Management — Objectives - Granting authorized users the right to use a service - Preventing access by non-authorized users Access Management implements and enforces Security policy, but does not define it



Access Management — Basic concepts

- Access
- level and extent of a service's functionality or data that a user is entitled to use.
- Idontitu
- refers to the information about them that distinguishes them as an individual
 and which verifies their status within the organization. By definition, the Identity
 of a user is unique to that user.
- · Rights/Privileges
- refer to the actual settings whereby a user is provided access to a service or group of services. Typical rights, or levels of access, include read, write, execute, change, delete

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Access Management — Basic concepts

- Service or Service Groups (profile)
 - Most users do not use only one service, and users performing a similar set of
 activities will use a similar set of services. Instead of providing access to each
 service for each user separately, it is more efficient to be able to grant each user
 or group of users access to the whole set of services that they are entitled to
 use at the same time.
- Directory Services
- refers to a specific type of tool that is used to manage access and rights.

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Activities

- Requesting access
- Verification
- · Providing rights
- Monitoring identity status
- Logging and tracking access
- · Removing or restricting rights

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Triggers, Input, Output

- An RFC. This is most frequently used for large-scale service introductions or upgrades where the rights of a significant number of users need to be updated as part of the project.
- A Service Request. This is usually initiated through the Service Desk, or directly into the Request Fulfillment system, and executed by the relevant Technical or Application Management teams.
- From the authorized Human Resources Management personnel (which should be channeled via the Service Desk). This is usually generated as part of the process for hiring, promoting, relocating and termination or retirement.
- A request from the manager of a department, who could be performing an HR role, or who could have made a decision to start using a service for the first time.

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Interfaces with Other Processes

- Human Resource Management
- to verify the user's identify as well as to ensure that they are entitled to the services being requested.
- Information Security Management
 - provide the security and data protection policies and tools needed to execute Access Management.
- Change Management
- · means to control the actual requests for access.
- usually processed as a Standard Change or Service Request (possibly using a model) once the criteria for access have been agreed through SLM.

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Interfaces with Other Processes

- Service Level Management
- maintains the agreements for access to each service.
- include the criteria for who is entitled to access each service, what the cost of that
 access will be, if appropriate and what level of access will be granted to different
 types of user (e.g. managers or staff).
- Configuration Management
- The CMS can be used for data storage and interrogated to determine current access details.

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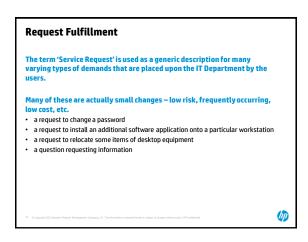


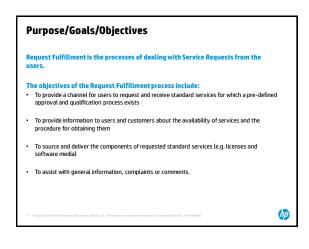
Value to business Controlled access to services ensures that the organization is able to maintain more effectively the confidentiality of its information Employees have the right level of access to execute their jobs effectively Less likelihood of errors being made in critical services Audit use of services and to trace the abuse of services Easily to revoke access rights when needed – an important security consideration May be needed for regulatory compliance (e.g. SOX, HIPAA, COBIT).

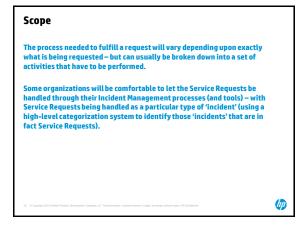
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Access Management — Roles Not usually dedicated staff Access management is an execution of Availability Management and Information Security Management Service Desk staff Technical Management staff Application Management staff IT Operations staff

Request Fulfillment Compared to the Acade Compared Compared Compared to the Compared Compare







Service Request A request from a User for information or advice, or for a Standard Change, For example To reset a password, or to provide standard IT Services for a new User. Request Model Some Service Requests will occur frequently and will require handling in a consistent manner in order to meet agreed service levels. Typically include some form of pre-approval by Change Management

- Where users can seek and obtain assistance which will enable them to resolve their own difficulties
- Should include the capability for users to log incidents themselves
- Can include FAQs, How-tos, Password Changes, Software fix downloads, Software repairs

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Interface to other processes

- Service Desk/Incident Management:
 - · may be initially handled through the Incident Management process.
 - Some organizations may choose that all requests are handled via this route but others may choose to have a separate process
- Release, Asset and Configuration Management
- some requests will be for the deployment of new or upgraded components that
 can be automatically deployed. In such cases the 'release' can be pre-defined,
 built and tested but only deployed upon request by those who want the 'release'.
- Upon deployment, the CMS will have to be updated to reflect the change. Where appropriate, software license checks/updates will also be necessary

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Value to business

- · Provide quick and effective access to standard services
- Effectively reduces the bureaucracy involved in requesting and receiving access to existing or new services, thus also reducing the cost of providing these services.
- Increases the level of control over these services.

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Request Fulfillment - Roles

- · Not usually dedicated staff
- Service Desk staff
- · Incident Management staff
- Service Operations teams

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Operations Management

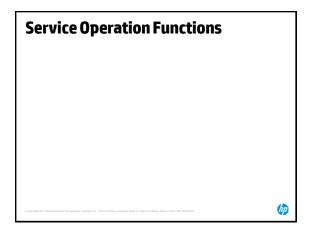
Operational Activities - Other Processes

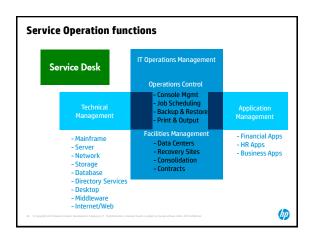
There are operational activities in other processes, as follows:

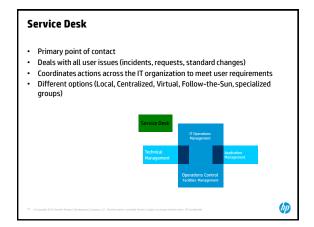
- Change Management
- Configuration Management
- Release Management
- Capacity Managemen
- Availability Management
- Knowledge Management
- Financial Management
- IT Service Continuity Management

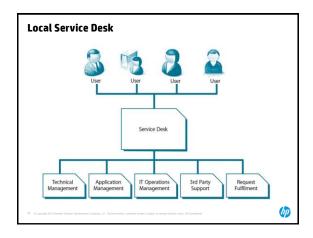
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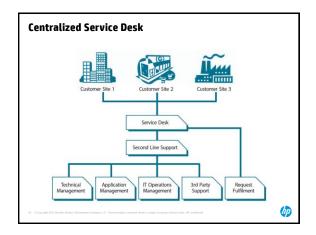


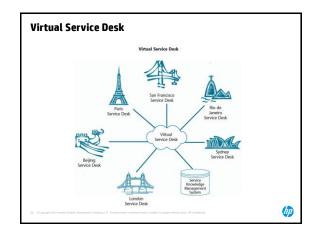


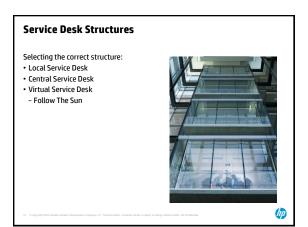














Service Desk — Objectives Logging and categorizing Incidents, Service Requests and some categories of change First line investigation and diagnosis Escalation Communication with Users and IT Staff Closing incidents, service requests etc Customer satisfaction Update the CMS if so agreed

