Network Directory Services

Criteria	Details
Services/Roles to be installed:	Active Directory Domain Services
Root domain name:	**ROIXX.local**
DSRM Password:	Restore16!

User Account Specifications

Criteria	Details
Logon name:	firstname.lastname
Password Policy:	***8 characters + one number + special character*** *(e.g. Password1!)*
New account password policy:	• Should be set to a random password at account set up by the Administrator. • Should expire at first logon prompting user to change the password.

Organisational Unit specifications

Criteria	Details
Organisational unit name:	**RESEARCHXX**
User account: (for testing purpose)	**Username**: test **Password**: *Password2@*
Group:	**Staff** (***Note***: *This is a Domain Local Security Group)*

Print service specifications

Main Server configuration

Criteria	Details
Printer type:	**Local**
Printer Port:	**LPT 1**
Printer Model:	**HP Color LaserJet 2500 PS Class Driver**
Printer Name:	**ROIXX-Printer**
Printer Shared?	**Yes.**
Printer Sharing specifications:	- Share name: **ROIXX-Printer** - Location: **Building P, Level 4** - Comment: **This is the Main Printer for ROIXX**
Printer set as default printer?	**Yes.**
Printer Security settings:	- The group called **Everyone** should be removed. **Staff** group should be added. **Staff** group is allowed to print.
Other printer properties:	- Printer can render print jobs on client computers. - Printer is listed in the directory.

Specifications for Hard drive redundancy

As part of ROI's Disaster Recovery policy hard drive redundancy should be implemented on server machines so that data can be restored in the event of a disaster.

Main Server configuration

Criteria	Details
Disk partitioning scheme:	**RAID Five (distributed parity)**
Minimum number of volumes:	**Three**
Minimum capacity/size of a single hard disk:	**10 GB**
File system:	**NTFS**
Drive Letter:	**R**
Volume Label:	**ROIXX-R5Vol1**
Size allocated for virtual memory:	Initial size (MB): **2048** Maximum size (MB): **5120**
Dis quota:	Disk space should be denied to users exceeding quota limit

Disk quota requirements

Criteria	Details
Disk quota function:	Should be enabled and active
Disk quota limitations:	Disk space should be denied to users exceeding quota limit
Disk quota logging:	Events should be logged when: • a user exceeds their quota limit • a user exceeds their warning level

Disk quota entry limits for regular users:	Limit: **3GB** Warning level: **2.5GB**

Directory structure configuration

Criteria	Details
Main directories to be created on the RAID-5 volume:	WORK DOCUMENTS SOFTWARE
Folder sharing and security access (permissions):	All above folders should be shared with **Staff** group having **Read and Write** permissions.
File system management service/role to be installed:	**DFS Namespaces** Role
New namespaces to be created:	- Server: **MainSVRXX** - Name: **ResearchXX** - Type of namespace: **Domain-based**
Directory structure within the \\ROIXX.local\RESEARCHXX namespace with their associated folder targets on the RAID-5 volume:	**Data** (folder target: **WORK**) **Documents_Backup** (folder target: **DOCUMENTS**) **Software** (folder target: **SOFTWARE**)

Specifications for Server Backups

As part of ROI's Disaster Recovery policy hard drive redundancy should be implemented on server machines so that data can be restored in the event of a disaster.

Main Server configuration	
Criteria	**Details**
Server feature installed to manage backups:	**Windows Server Backup Feature**
Backup type:	**Single Backup (Full Server)**
Hard drive capacity and file system configuration requirements:	Physical disk size: **50GB** File system type: **NTFS** **Drive Letter: Y** Volume label: **ROIXX-Backup1**