

Architecture and Design of Active Directory

**Prepared for:**

**Prepared by:**

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1. Current environment
   1. Clients

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| Ref. | Question | Answer |
|  | Approx Number of end-users: |  |
|  | How the Users geographically spreaded ?  No of Locations with Less the 100 Users  No of Locations with 100-500 Usres?  No of Locations with 500 to 1000 Users?  No of Locations with 1000 to 3000 Users?  No of Locations with 3000+ users |  |
|  | What OS generally Used at Client Side. | For eg 70% windows 7 , 20 % windows 8 and 10 % others |
|  | What e-mail clients are currently being used? Specify the client version. |  |
|  | Percentage of mobile users ? | Users with Laptop , IPad |
|  | What rights generally users use while login. | Like Local Admin , Power Users , User Right |
|  | How the User accessing internet ? | For eg via proxy , Direct through gateway |
|  | How generally users store their data? | For eg on file servers , on local desktop. |

* 1. Naming Convention

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| Ref. | Question | Answer |
|  | What would be domain Name you like to use for New Forest? |  |
|  | What would be the Server Naming Convention you would like to use? For eg. **Organiation +Location+department+Number** |  |
|  | Currently all client PC have the naming convention ? if not would you like to use the standard naming patterna with new active dierectory ? |  |

* 1. Corporate Policies

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| Ref. | Question | Answer |
|  | Does you allow users to install applications by themselves? |  |
|  | Do you have any policies regarding using removable devices like USB? |  |
|  | How you want the administrative delegation ? | Like every regional offices should have Password reset rights. |
|  | Please specify the policies or restrictions you are looking for your corporate users? |  |

* 1. Network

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| Ref. | Question | Answer |
|  | What is the overall topology of your network?  *Please provide an appropriate diagram.* |  |
|  | Number of geographic sites: |  |
|  | Can you provide the user distribution breakdown by region/site? |  |
|  | Can you provide link speed, utilization, latency and available bandwidth between central and remote sites (if applicable)? |  |
|  | What is the current Domain Name System (DNS) infrastructure? Do you have a split DNS? |  |

* 1. PKI and Certificates

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| Ref. | Question | Answer |
|  | Is there an internal public key infrastructure (PKI) in your environment? |  |
|  | Are there Service Subscription License (SSL) certificates in use on your existing servers? |  |
|  | Are you making use of Subject Alternate Name (SAN) certificates today? |  |
|  | Are you making use of Wildcard certificates today? |  |

* 1. Existing Messaging Infrastructure

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| Ref. | Question | Answer |
|  | Can you provide a detailed diagram of your current messaging environment? |  |
|  | How many physical sites have Messaging servers deployed? |  |
|  | Do you allow PSTs in the organization today? How are they managed, and what is their average size? |  |

* 1. Applications

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| Ref. | Question | Answer |
|  | Do you have any application which will be using the Directory Services. |  |
|  | Are there other applications you plan to deploy with Active Directory. |  |

* 1. Federation Requirements

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| Ref. | Question | Answer |
|  | Do you have a requirement for federation with another Directory Service within your environment? |  |
|  | Do you have a requirement for federation with external organizations? |  |

1. Service Management and Operations
   1. Administration

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| Ref. | Question | Answer |
|  | What is the current server administration model? (centralized, decentralized, …) |  |
|  | Who is currently managing the current infrastructure (internal, outsourced, centralized, decentralized, helpdesk…) |  |
|  | How is administration performed (scripted, fully automated, native tools, and so on). |  |
|  | What are the defined AD admin roles? |  |
|  | Are there additional administrative tasks for which you require delegation? |  |

* 1. Server Management

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| Ref. | Question | Answer |
|  | What is the change management process in place for the Active Directory Server? |  |
|  | What is the current patch management/software update process? |  |

* 1. Service Monitoring

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| Ref. | Question | Answer |
|  | What Monitoring Solution is being used to proactively monitor the Active Directory servers? |  |
|  | Is the existing monitoring solution supporting Active Directory 2012? |  |

* 1. Service Availability

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| Ref. | Question | Answer |
|  | What are the current Service Level Agreements (SLA) for the Directory Services? |  |
|  | What are the High Availability requirements? |  |
|  | What are the Business Continuity / Site Resilience requirements? |  |
|  | What is the current Recovery Point Objective (RPO)? |  |
|  | What is the current Recovery Time Objective (ROT)? |  |

* 1. Backup and Recovery

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| Ref. | Question | Answer |
|  | What is the current backup and recovery solution? |  |
|  | Does the current backup product support Active Directory 2012? |  |
|  | What is the current Disaster Recovery plan? |  |

1. Security

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| Ref. | Question | Answer |
|  | What is your anti-virus strategy? Which products are you using and what is the infrastructure? |  |

1. Appendix – Detailed Information

Include any network diagrams, asset lists, application details, or data referred to in the preceding questionnaire. These can be provided as separate documents, they do not need to be provided with in this document.