Tim Andrews, MCSE, CCA
Sr. Systems Engineer
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Tim Andrews is Microsoft Certified Systems Engineer (MCSE) based in the Southern California region and works as a project-based consultant to businesses large and small. Tim has been working with computers since 1981 and has worked on many projects and many different technologies over the years. Today his focus is on high-end Microsoft and VMware servers with virtualization, Exchange, SQL, and Remote Desktop servers utilizing high-availability solutions such as clustering and load balancing to achieve enterprise-class stability and performance, along with integrating cloud services such as Office 365, Azure, Amazon Web Services, and Google Apps. Focus is also on remote access and communications using Exchange Server, Citrix, VDI, Remote Desktop, VPN technologies, mobile devices, and firewalls to provide a seamless experience for users working outside of the office or via satellite offices.

Server technologies:

- Windows Server
    - Active Directory
    - Group Policy
    - Clustering
- Exchange Server
    - High Availability /DAGs
    - Office 365 Migrations
    - Disaster Recovery
    - Mobile Access
- SQL Server
    - Clustering/AlwaysOn
    - Database management
    - Data migration
    - Linking external data
- Remote Desktop/Applications
    - Citrix XenApp/XenDesktop
    - RDP Services
    - VMware Horizon View
    - Migration/Upgrade

- Virtualization
    - VMware
    - Citrix XenServer
    - Microsoft Hyper-V
    - Virtual Desktop Infrastructure
    - High Availability/Disaster Recovery
- IIS
    - Load balancing/SSL offloading
    - SSL certificates
    - Datacenter support
    - Web farms
- Firewalls/Routers/Switches/Appliances
    - Sonicwall
    - Netscaler
    - VPN
- .NET Development
    - ASP.NET
    - SQL DBA
    - XML Web Services

References

Randall Hayes, IT Manager, Systems Source - (949) 852-0920
David Davidson, IT Manager, UpComp - (949) 395-6829
Brett Gregor, Owner, Fisix - (949) 874-4545

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Job History

2000-Present: Sr. Systems Engineer, Andrews Consulting, San Juan Capistrano

1998-2000: Sr. Systems Engineer, Langtech Systems Consulting, San Francisco/Rancho Santa Margarita

1996-1998: Sr. Systems Engineer, PC Manager, Irvine

Notable Clients

Arbonne International	Georgia State Bank & Trust	Redmond Orthodontics
Balboa Capital	Kings Hawaiian	SCAN
Chinatrust Bank	Line 6	Seiko Instruments
Chinese Hospital of San Francisco	Lionsgate Entertainment	Specific Media/MySpace
City of Davis	Microsoft	Station Casinos
Edwards Life Sciences	NeoGov	Systems Source
eHarmony	Nexus/Dimension Data	Technologent
Epicor	Prime Healthcare	Trace3
ePlus	Progent	UC Irvine
Farmers Insurance	Quest	USC Orthodontics
Fletcher Jones Mercedes	Redhawk Fire & Security	Western Digital

Work performed

- Installation and configuration of Windows Server, Active Directory, Group Policy, DHCP, and DNS with planning and deployment of forest structure, DFS, remote sub-domains, OU design, site replication, FSMO and DC placement, group membership, security, and site topology
- Installation and configuration of Exchange Server in Hub Transport, Mailbox, Client Access, Active/Passive Cluster, Database Availability Groups, Edge Transport, and Unified Messaging roles with planning and deployment of antivirus and antispam services, firewall/antispam/antivirus configuration, user and mailbox migration, Powershell scripting, and deployment of SSL certificates for OWA, RPC over HTTPS, TLS, S/POP, S/SMTP, and S/IMAP
- Cross-forest migration of Exchange mailboxes and mail routing including Office 365 Hybrid migrations
- Clustering Windows Server and Exchange Server - High Availability with Database Availability Groups
- Virtualization of servers and desktops with VMware, Citrix XenDesktop, and Microsoft Hyper-V including physical-to-virtual migration, client deployment, and resource monitoring
- VDI implementation with VMware, Citrix XenApp/XenDesktop, and gateway web access software from VMware and Microsoft
- Architecture, installation, configuration, and management of Citrix XenApp/XenDesktop and Remote Desktop including load balancing, resource monitoring, and troubleshooting for Wyse Winterm thin clients and Windows fat clients
- Firewall, UTM, and security appliance configuration on Sonicwall, Barracuda, WatchGuard, Panda
- Site to site and client-server VPN and remote access design, implementation, and access management
- Installation and administration of SQL Server including AlwaysOn High Availability, clustering, replication, security, data migration, SQL Reporting Services and SSIS, backups, disaster recovery
- Approve and deploy Windows Updates with WSUS and System Center Configuration Manager
- Network infrastructure design and implementation with phone/cabling/ISP vendor management
- Backup/Disaster Recovery planning and management
- Manage servers and firewalls at datacenters with load balancing hardware and bandwidth management
- Domain name registration, IIS hosting, SSL certificate installation, and website, FTP, and database configuration