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| **UCB FinTech**  **Company Ltd** | horizontal line Name: SHAHAB AL YAMIN CHAWDHURY  Designation: CISO  Employee ID: 7706  This framework includes a hierarchy of capabilities led by their team lead.  This framework is used by organizations to assess individual’s maturity/capability levels.  http://blogs.technet.com/cfs-file.ashx/__key/communityserver-blogs-components-weblogfiles/00-00-00-86-44-metablogapi/7652.IC83163_5F00_51268BAE.gif |
|  | Overview Matrix  This is an overview of the complete IT Governance Framework, provided by the IVI Institute. This outline meant to provide you guidance on the capability that matters for the organization for each individual.  C:\Users\shahab.yamin\AppData\Local\Microsoft\Windows\INetCache\Content.Word\cc-list.png |
|  | Infrastructure/Platform Technology Initiatives   |  |  |  | | --- | --- | --- | | Initiative Type | Key Features, Capabilities, Benefits | Vendors And Products | | Strategic planning | * Standardize IT Environment | * Futureproof deployments * Identity & access Management * Software update services * Application platform support * Application integration * Ensure data consistency & security * Storage cluster services * Automatic scale-up service * Service integration layer (SIL) * Network Access Protection (NAP) * Automatic certificate enrollment to LAN & WiFi | | Datacenter Infrastructure Management | * DCIM: data center Infrastructure Management * EMI or Noise Calibration * CDCP Framework | * EIA/TIA-942 with Annexure * BICSI 002-2011 * APC StruxXureWare * CDCP Framework | | Power Purity Calibration | * Fluke Power Tester & APC Power Management with StruxXureWare | * APC StruxXureWare | | Underlying Network Design | * Enterprise class by network design | * TOGAF, MOF followed * Microsoft, CISCO design framework etc. | | Access Management | * Integrated to Devices for accessing network resources * Integrated to Biometrics with HR | * Domain Enforced * Domain Integrated * .Net Application Platform, native to Domain | | PC Hardware & Operating System Upgrades | * Improved performance, reliability, security, manageability, productivity improvements * Notebook, desktop, thin-client | * Microsoft Windows 7 x64 Professional * Dell, HP, Apple, Toshiba, Lenovo, Fujitsu, Acer, Gigabyte * Intel | | Server Hardware & Software Upgrades | * Virtualization, consolidation, clustering * Data center optimization * Improved performance, reliability, manageability, security * Multi-core, 64-bit, RISC/Itanium, x64 * Web servers, application servers, DBMS servers, data warehouse servers, infrastructure servers, high performance computing servers * SIEM: Security Information & Event Management, UEP: Unified Endpoint Protection | * Microsoft Windows Server, Kali Linux, CentOS, Red hat * Dell * SCEP replaces Defender in Domain Mode | | Infrastructure Management / Networking | * Asset inventory/management, OS management, configuration management, change management, systems management, software distribution, application packaging * Directory services, group policy objects * Print Management * IPV6, LAN, WAN * VOIP - voice over Internet protocol | * Microsoft System Center Configuration Manager, MDOP, Active Directory * Active Directory, GFI, Acronis * Active Directory Integrated * PaperCut for Print Management with PIN Enabled Facility | | Video Conferencing | * Cisco/Avaya Call Manager | * OCS/Lync/Skype for Business with Enterprise Voice * SIP Enabled G729 Protocol * IP Phone Secure Configuration | | Surveillance | * NVR, Access Control | * NVR Setup with Lennel OnGuard | | Storage | * Digital storage of business data and documents * Archival, records management, tape backup, SAN, NAS, disk arrays, iSCSI, fiber channel * Capacity management, performance analysis, storage provisioning, quota management, event management | * SharePoint integrated with Lync & Exchange Server with 3 tier storage cluster * Microsoft Exchange, Microsoft SQL Server * DELL EqualLogic SAN | | Security | * Security planning, assessment, incident/breach management * Identity and access management, encryption, smartcards, authentication, authorization, patch management * Firewalls, antivirus, anti-malware, anti-spyware, network access control, information and data rights management | * Microsoft System Center Endpoint Protection, System Center Service Manager * Authentication: By AD, Mikrotik * VeriSign * Barracuda * Red-Teaming | | Application Development / Architecture | * Improved software quality, integration, usability * Custom developed software * Rapid application development * Middleware, application server * Web services, Service-Oriented Architecture, SaaS (software as a service) * Enterprise architecture (EA) | * Microsoft .NET, Visual Studio * .NET * .Net * Java/J2EE/EE, Ruby on Rails, PHP, Python, Perl * BizTalk Server, Application Server * Microsoft On-Premise Cloud Platform | | Compliance, Governance, Risk | * Methods and software to ease compliance with regulations such as HIPPA, Sarbanes-Oxley, Basel II * ITIL, COBIT, Six Sigma, CMM, ISO 17799/9000, ISO 27001 & 20000 & 22301, PMBOK * Maturity models (Microsoft™ Infrastructure Optimization Maturity Model) * Portfolio management, IT-business alignment, balanced scorecard, service level management, risk management * Business continuity: disaster planning / recovery * IT governance, policies, internal audit, monitoring for ISMS | * Not Required * ITIL & MOF, PMBOK-5 * ITIL & MOF * ITIL & MOF, PMBOK-5 * ISO 20000, 27001 | | Outsourcing | * Outsource IT and business processes, applications, infrastructure, or initiatives to reduce costs and improve results * Infrastructure management: helpdesk, on-site support, desktop management, data center services * BPO - business process outsourcing * Offshore services * Application outsourcing, web hosting | * Various Vendors * System Center Service Manager | | Wireless/Mobile | * Wireless e-mail, mobile access to line-of-business applications, unified communications, * VPN, mobile remote access, telecommuting * Handheld devices, smart phones, PDAs * Wireless LAN/WAN, 802.11n, WiMAX, CDMA, UMTS, GPRS, EDGE | * Microsoft Exchange Server, InTune Server * RIM BlackBerry, Nokia, Apple iPhone, Samsung, Google * 3Com, Cisco Systems, Aruba, Nortel Networks, Siemens * Equant, AT&T, MCI, BT, Sprint, Verizon | |