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Subject Operating system

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|  | Windows | Ubuntu | Server 2016 | Kali Linux | CentOS |
| Introduction: | Microsoft Windows is a group of several proprietary graphical operating system families, all of which are developed and marketed by Microsoft. Each family caters to a certain sector of the computing industry. | A freely available Linux based operating system.  Open source alternative for window.  Ubuntu word derived from African word which meaning “humanity to others” | Windows Server 2016 is the seventh release of the Windows Server server operating system developed by Microsoft as part of the Windows NT family of operating systems. | Kali Linux was developed by Mati Aharoni and Devon Kearns. Kali Linux is a specially designed OS for network analyst. it also used for umbrella of cybersecurity and analysis. | CentOS is a community based enterprise class operating system. It is available free of charge and as a fully compatible derivative of Red Hat Enterprise Linux (RHEL), it represents the first choice operating system for organizations, companies, professionals, and home users all over the world who intend to run a server. |
| Features: | . New start manu  . Cortana  intergration  . Microsoft edge  Web browsing  . Virtual desktop  . Universal apps  . Compatibility  . Safety and  security | . Smart scopes  . Ubuntu one  Install login  . Keyboard  language selector  . Compiz  performance  improvements  . In dash payments  . Back of Xorg  . LibreOffice 4.12 | * . Ability to access the server both in GUI and command-level interface. * . Execute all or most processes from OS commands. * . Advanced-level hardware, software and network configuration services. | . Live USB boot  . Kali undercover  . Win-KeX  . Kali netHunter  . Kali ARM  . Kali everywhere | . kernel  . Storage  Management  . Security  . NTP  . Boom  . tlog  . Ram increase |
| Confidentiality: | Yes | Yes | Yes | No | YES |
| Integrity: | Yes | Yes | Yes | No | No |
| Availability: | Yes | Yes | Yes | Yes | Yes |