

Tech Arkit Topic List

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Hi, my name is Ravi Having 10+ year of IT professional experience in Data Center operations, Architecture experience. I will share my experience using <https://www.youtube.com/techarkit> youtube channel.

I have created around 250+ videos till now. Complete certification courses like RHCSA, RHCE, Shell Scripting, Ansible and Hadoop Cloudera Cluster Etc.

I have listed almost all the topics and their associated Youtube video link, please learn and share with your friends.

How to Use Tech Arkit Youtube for effective learning <https://youtu.be/N8fXduCB7VA>

Interview Questions and Answers

- SSH Interview questions and answers https://youtu.be/dQTrq_5nVbs
- 17 Linux Interview Questions and Answers <https://youtu.be/hOACNkPpIMl>
- 15 Real time Linux Interview questions and Answers <https://youtu.be/8lVXGlnCqSk>
- Linux Basic Interview Questions and Answers <https://youtu.be/6JBSWgbhWiQ>
- Linux Administrator Level 2 Interview Questions and Answers <https://youtu.be/sdQufig-n4zE>
- Linux Interview Questions and Answers https://youtu.be/c_b_08dWhFk

Nagios Monitoring Tools

- SSL Certificate monitoring <https://youtu.be/gUV3iiXlqJ8>
- NDOUtils Installation and Configuration Nagios <https://youtu.be/9jgLuxea8DQ>
- NagVis Installation for Visualization maps <https://youtu.be/-pmubBPbGeo>
- Add Linux Host to Nagios Server monitoring (NRPE Agent) <https://youtu.be/jfQ5CR9i76Q>
- Adding Windows Server into Nagios Monitoring (NSClient) <https://youtu.be/f4W02Lu5JJI>
- How to Create Nagios Core Templates and Commands <https://youtu.be/HynAp-huNhl>
- Define Nagios Core Contacts and Contact Groups https://youtu.be/PsAlsXJOG_8
- How to install Graphs in Nagios Core PNP4Nagios https://youtu.be/x4Fa_-keLP0
- Nagios Core Post Installation Tasks <https://youtu.be/2lFzUWaXZ7g>
- Nagios Core Installation Step by Step Guide in Centos 8/RHEL 8 <https://youtu.be/9lv0hl891Q>
- Understanding Nagios Terminology <https://youtu.be/XcSumQJ7V1E>
- Nagios Certified Professional Certification Course Overview <https://youtu.be/pWewCrikIRU>
- NagiosXI Installation Guide Centos 7 https://youtu.be/oxv13_3TBMM
- Nagios NRPE Installation and Monitoring Linux Server <https://youtu.be/laiSqMvZLdk>
- NSClient++ Monitoring windows server Nagios Core <https://youtu.be/0UQxihYWK3w>
- Nagios core Installation Centos 7/RHEL 7 Guide <https://youtu.be/ZMCfgJklz3l>

Shell Scripting Tutorial

- Sequence seq command, make math's easy in scripts <https://youtu.be/vQlyDFbcl8>
- CPU, Memory, Disk Utilization from Multiple servers <https://youtu.be/JT2IEulFlrQ>
- Unary Operator Shell Scripting Examples <https://youtu.be/O5BcO1w-ITQ>
- Shell Scripting A-Z in Single Video https://youtu.be/Nl_iAPZ355U
- Linux System Load History Collection Shell SScript <https://youtu.be/jbKaqFeXHqU>
- Create multiple users at a time <https://youtu.be/pJNWv2VU6rM>
- Advanced Shell Scripting Tutorial <https://youtu.be/1Sh6PWcgXAA>
- Shell Scripting course Overview https://youtu.be/7GNUzvjS_mE
- Linux Basics <https://youtu.be/IFvMor-0eFM>
- Linux Directory Structure https://youtu.be/rVxpe1_INFE
- Linux Basic Commands <https://youtu.be/yYC8aaQ3eZA>
- Copy, Remove, Move and Time Commands <https://youtu.be/G7XFreQkDB8>
- Dif and Grep Commands <https://youtu.be/RwcQ6JzTsmA>
- Head, tail, sort and more commands <https://youtu.be/OgV3qrPOulU>
- tr and wc commands <https://youtu.be/d40a5zFa8yl>
- Disk utilities like fdisk, df and du commands <https://youtu.be/vx1WZepOmKg>
- Getting Help from Command Line user Interface <https://youtu.be/GcYu-0IIJas>
- w, who, hostname hostnamed and uname commands https://youtu.be/7shAr5lp_Wc
- Search for files and directories using find and locate commands <https://youtu.be/Rd6e-rsHpo>
- top command its output explanation https://youtu.be/UQ7rr4_47YY
- vi & vim text editor <https://youtu.be/K3SUrCj740Y>
- sed, awk, vmstat and nstat commands <https://youtu.be/4hJorSKg9E0>
- vnstat command <https://youtu.be/KlpE2Ok6Bxo>
- Introduction to Graphical user interface https://youtu.be/Yck_xhz9ku0
- cut command <https://youtu.be/kBZNJdw7RQQ>
- Merge multiple files using paste command <https://youtu.be/Efd6PxhNq4>
- Connect and Manage remote machine using SSH <https://youtu.be/Dp9J7aktYDs>
- Changing files and directory permissions <https://youtu.be/NNAxqSyTsUl>
- tar and zip commands <https://youtu.be/lVQppyhgERA>
- Scheduling future jobs using crontab <https://youtu.be/OOOabNTnSwY>
- Difference between scripting and programming <https://youtu.be/5UuTNosxNgI>
- What is shell scripting and its advantages https://youtu.be/m2DvuF_S4Ac
- PATH environment variable <https://youtu.be/4TZyWegxzGY>
- Symbols used shell scripting <https://youtu.be/L8lxV7bvBHU>
- Make Shell Script Template <https://youtu.be/7KEQJ7jtkTg>
- Quotes single, double and reverse - difference https://youtu.be/9_fhRI-dos4
- Bash colors <https://arkit.co.in/coloring-style-text-shell-scripting/>
- Script exit status <https://arkit.co.in/shell-scripting-exit-status-shell-scripting-return-codes/>
- Variables and its rules https://youtu.be/839s_OtTqDA
- Special Variables <https://youtu.be/PfxzX4XNYRE>
- Environment, system and user defined variables <https://youtu.be/PfxzX4XNYRE>
- Constant, Local / Global variables and Special variables https://youtu.be/839s_OtTqDA
- Positional Parameters <https://youtu.be/PfxzX4XNYRE>
- Count number command line arguments \$# <https://youtu.be/YizjrX9ph10>

- Arithmetic Operators https://youtu.be/qxNQ_D8txPo
- Relational Operators <https://youtu.be/U-u1wx5VeTU>
- Logical Operators https://youtu.be/m_F1FTKdUU4
- Boolean Operators <https://youtu.be/U-u1wx5VeTU>
- Math's using expr command https://youtu.be/qxNQ_D8txPo
- Real math's using bc command https://youtu.be/qxNQ_D8txPo
- If statement <https://youtu.be/gncu9vzmlLw>
- If-else statement <https://youtu.be/nDhbOeEQeNY>
- If-else-if statement <https://youtu.be/UJET-9cmaqU>
- Nested if statement <https://youtu.be/Kd1SJFnmj9k>
- Case statement <https://youtu.be/JJ7mAPU0KhI>
- For Loop <https://youtu.be/1fnAUUS4qg0>
- While Loop <https://youtu.be/nBMuVIRGpwY>
- Until Loop <https://youtu.be/zdk795qFgWk>
- Functions <https://youtu.be/jXv1otUXMG4>
- Arrays <https://youtu.be/2Fetj2V6rrM>
- Eval command <https://youtu.be/AjqBRGwLmLc>
- Shifting parameters using shift command <https://youtu.be/48j0kxOFKZE>
- IFS - Input Field Separator <https://youtu.be/so8IRuhWjEM>
- Writing CPU Usage script <https://youtu.be/NQx43bY4INo>
- Writing Disk Utilization script <https://youtu.be/yXhdDV13nrA>
- Trouble shooting debugging shell scripts https://youtu.be/kgj-4_gmvi4
- Checking shell script errors and improvements https://youtu.be/kgj-4_gmvi4
- Here Document to write paragraphs of text <https://youtu.be/r9lb0ZxGFqE>
- Getopts Function <https://youtu.be/j-lEoC0DWi8>
- Executing multiple scripts from single script <https://youtu.be/hs-FK681D50>
- Logger logging messages to log file <https://youtu.be/kMXvtn1RRQ>

Linux Tutorial

1. Logrotate Configuring Log rotation policies https://youtu.be/--J_vAEVZHg
2. Send Emails from Linux Command Linux Pearl utility <https://youtu.be/eEd9EglWFBg>
3. Configuring EPEL, RPMForge Repositories <https://youtu.be/MBwSYZMvbFo>
4. Recover Deleted files in Linux <https://youtu.be/mQGN-TWYG4k>
5. How to Recover Boot Failure grub.conf missing <https://youtu.be/z047gbYCiWo>
6. How to create LVM snapshot <https://youtu.be/tmvvtG1wmQ8>
7. Recover accidentally deleted LVM <https://youtu.be/y4t47-0G0U4>
8. How to Determine File system type <https://youtu.be/058CVu-aqko>
9. RHEL 7 vs RHEL 8 Difference between both <https://youtu.be/Df6QFmwXrIU>
10. RHCSA (Red Hat Certified System Administrator) EX200 Complete Course single Video https://youtu.be/4P23_rhyTgc
11. RHCE (Red Hat Certified Engineer) EX294 Exam Course Content <https://youtu.be/8rgGNlKfyfI>
12. Difference between Locate and Find Commands Linux <https://youtu.be/1Om7xDxUnz8>

13. RHCE (Red Hat Certified Engineer) Ex300 Exam Course Content <https://youtu.be/ZWRPSJwE5l8>
14. What is patching and how to patch Linux servers <https://youtu.be/nKlbF7aSq7Y>
15. How to Compress Large files with less time <https://youtu.be/NWh13QdOF50>
16. Introduction to the Linux for Beginners <https://youtu.be/77EXDJxfdu0>
17. 20 Essential Linux Commands for Every Beginners to start learning <https://youtu.be/MRecFTh7FfQ>
18. mRemoteNG the perfect tool for Linux Administrators <https://youtu.be/izM3nir4YZc>
19. Linux Multipath | Multipathd Configuration <https://youtu.be/aXhqElJawWM>
20. Linux User login issues troubleshoot <https://youtu.be/g-UmXWHsNZU>
21. Custom Kickstart ISO https://youtu.be/z5NGtyS_fWs
22. How to Run Long running Scripts from Terminal (They should run after closing terminal) <https://youtu.be/lqQ5alyUDsc>
23. How to Encrypt & Decrypt TAR file using Openssl <https://youtu.be/CaHFwbaezjg>
24. FreeIPA Server Installation (LDAP, 389Directory Service) <https://youtu.be/17lBe8Bn5xc>
25. Ubuntu 19.04 Installation Guide <https://youtu.be/Q9LFS8TppKo>
26. RHCE Practice Exam Tutorial <https://youtu.be/VkwfeKMVBaA>
27. Squid Proxy Installation and Configuration Centos 7 <https://youtu.be/h78SyX9qi8l>
28. Slave DNS Server configuration <https://youtu.be/Dgpp0PzODBA>
29. MAC Binding DHCP Server Setting in Linux <https://youtu.be/AVBDCPqPlac>
30. DHCP Server Installation and Configuration <https://youtu.be/-YKhdlGdefw>
31. DNS Server Installation and configuration <https://youtu.be/B6RprjoOdk4>
32. FTP Server Installation and Configuration <https://youtu.be/62xfSWBXbXU>
33. Python Enabled Web Server (WSGI) <https://youtu.be/CZwHe4mb5Ks>
34. MariaDB Database server Installation <https://youtu.be/7vwcxjPsq0E>
35. Virtual Web Hosting Web Server Guide <https://youtu.be/6qplhh5S7a0>
36. Kickstart Server Configuration RHEL 7 <https://youtu.be/WPFoRXMY3Q>
37. SSL Certificate Installation Web Server (HTTPD) <https://youtu.be/VCy23odB0-U>
38. What is Web Server and its Installation - configuration <https://youtu.be/dtRlu7OpLb8>
39. Samba Server Setup Step by Step guide RHEL 7 https://youtu.be/Q14_QjPncrs
40. NFS Server https://youtu.be/CE_xjL_7lqA
41. iSCSI Server Setup RHEL 7 <https://youtu.be/mEqHnu84ys>
42. Firewall Port Forwarding rule <https://youtu.be/MJPZWozRegQ>
43. How to Assign IPv6 Address to Linux Server <https://youtu.be/YCL-dZ7nG6o>
44. NIC Teaming (bonding) in Linux <https://youtu.be/J95l-nHyujc>
45. How to Setup RHCE Practice LAB using your computer/Laptop <https://youtu.be/rAW4Wi8OU5o>
46. Introduction to RHCE Examination How to write RHCE exam details <https://youtu.be/Zfrgz8pYmA>
47. RHCSA Certification Details course fee Certification cost <https://youtu.be/5RyjP6bsEmc>
48. MRTG Monitoring Tool installation <https://youtu.be/gZSRd3MU3Vc>
49. Linux Virtualization KVM configuration https://youtu.be/3WwZcUi_ZTk
50. Upgrade Kernel in Linux <https://youtu.be/ypxMINmfXe0>
51. Understanding FirewallD https://youtu.be/YFvZjWH_wOA
52. Learn Systemctl new version to control services <https://youtu.be/5iwnPDlkzzY>
53. How to copy (Transfer) Data from One Linux Server to another Server <https://youtu.be/8lF-MTdrK08>
54. Understand what Swap Memory is and how to create one <https://youtu.be/Gx1Jrf4NRAo>

55. Soft Link vs Hard Link <https://youtu.be/w6pZTYuDWTg>
56. How to reset Root Password Guide <https://youtu.be/-klOWYlySa0>
57. RHEL 7 Boot Process <https://youtu.be/E4qGvdryFa4>
58. How to use nano text editor <https://youtu.be/u2ChXrGoS4o>
59. vi editor guide <https://youtu.be/xxKxILIFXTI>
60. Vim editor <https://youtu.be/ulDfsT4lyiw>
61. How to redirect command output to file <https://youtu.be/3bm0uClXLKk>
62. Setting up IP Address in Linux using GUI window https://youtu.be/gx0B9_KoxWM
63. Text based network utility to assign static IP address <https://youtu.be/ln5bgB6cJEs>
64. The powerful nmcli command in Linux <https://youtu.be/eb5j6825yIU>
65. Understanding network profile new concept https://youtu.be/N_54q_IQwIw
66. Grep regular expressions <https://youtu.be/A24bTU-BrJs>
67. Understand SELinux and its context <https://youtu.be/4OcKvrvrqHI>
68. Managing file and directories in Linux (ls command) <https://youtu.be/ni2nTgDvyxE>
69. How to use crontab to schedule future jobs properly <https://youtu.be/9CZ7rHtVQr0>
70. How to install packages in Linux (RPM's) <https://youtu.be/7h5M48FvkZA>
71. tar (compress & extract files) <https://youtu.be/XkEsljSAwws>
72. Syslog Server <https://youtu.be/KHUG3gFI0fM>
73. SSH Server installation and Configuration <https://youtu.be/4SdszyDodcU>
74. Get help from command line interface (man, help and info pages) <https://youtu.be/EyLLeB9Drso>
75. How to find newly attached hardware devices in Linux <https://youtu.be/Yy1AjuOwtFc>
76. How to Create Linux Partitions <https://youtu.be/yc9Gz5xLSSk>
77. Deleting Linux partitions <https://youtu.be/LhecpXO7nug>
78. Sudo (visudo) policy creation (Providing access to commands) https://youtu.be/TygHDr_yHyw
79. Special Permissions (SUID, Sticky Bit, SGID) <https://youtu.be/uFud2eZnXSM>
80. ACL - Access control List Additional Linux permissions <https://youtu.be/0KbP-yHSvVI>
81. Understand Linux Permissions chmod (Read, Write, Execute) <https://youtu.be/r-a1fcHHRO8>
82. How to create user groups, adding users to group, create group password <https://youtu.be/D1ZFQgTsz3U>
83. YUM Repository configuration <https://youtu.be/VXSKr4GKOgY>
84. Linux Password Policy <https://youtu.be/8EzhyyutaN8>
85. Linux User administration, Creating and managing users <https://youtu.be/KejTjofmdM4>
86. 25 Basic Linux Commands for Beginners <https://youtu.be/-l7WeOHj6LA>
87. Getting Started with Linux https://youtu.be/34E_QacTwww
88. How to Access Linux Server Remotely <https://youtu.be/cwz1AgVO41k>
89. RHEL 7 Server Installation <https://youtu.be/l25FJk7Vzjc>
90. How to Setup Linux Lab at home <https://youtu.be/2DKrI3CWfbE>
91. Introduction to Linux <https://youtu.be/Wv5VHr4esvs>
92. Linux course Overview <https://youtu.be/BskRmjvWG5Y>

LVM Linux Tutorial

- Recover accidentally deleted LVM <https://youtu.be/y4t47-0G0U4>
- LVM snapshot backup and restore <https://youtu.be/tmvvtG1wmQ8>
- Migrate LVM from one Server to another Server <https://youtu.be/OGBYi6C3KKw>

- How to Reduce LVM Step by Step Guide <https://youtu.be/qj34vtpyfVg>
- How to Extend LVM size <https://youtu.be/5e5h6xYctL0>
- How to Create New LVM in Linux <https://youtu.be/3mgm2Q4Dldg>

Putty Software Tips and Tricks

- Life Savvier Putty topics https://youtu.be/2F6S0_JOYx0
- Open multiple putty sessions without typing credntails <https://youtu.be/qlEDAeyMK2E>
- SSH to Linux Server with single Click <https://youtu.be/qaPGgQl2pd0>
- SSH To Linux Servers without typing credentials https://youtu.be/0HOdeIO_kDY

Zabbix Monitoring Tool

- Installing and Configuring Windows Agent Zabbix https://youtu.be/armsl_cY4Og
- Zabbix Monitoring Tool Installation and Configuration <https://youtu.be/C9QeNGYVdMA>

Ansible Tutorial

- How to Create Linux Partitions using Ansible Playbook <https://youtu.be/BxM2zygCGOU>
- How to Allow Firewall Ports using Ansible Playbook <https://youtu.be/O0wbqlrDwCk>
- Ansible Galaxy <https://youtu.be/34ycoo2T1HI>
- Ansible Vault Explained <https://youtu.be/RbDlfdJhQII>
- Ansible Roles <https://youtu.be/MGklkuq0-Gs>
- Ansible Tags <https://youtu.be/LPdRHd4ID7c>
- Deploy LAMP Stack Using Ansible Playbook <https://youtu.be/cyylA0Yfn2o>
- Ansible Playbook challenge <https://youtu.be/SO-3ngAf3sY>
- Ansible Loops <https://youtu.be/JYPn5I3ChX0>
- Ansible Variables and Its Use cases <https://youtu.be/nOOe-rNhP8>
- How to Write Ansible Playbooks for the first time <https://youtu.be/2nRfP69sGsk>
- Ad-Hoc Commands Ansible <https://youtu.be/Kr-62ON416c>
- Create Manual Inventory Ansible https://youtu.be/G7_orKIWAeA
- Ansible Lab Setup <https://youtu.be/p8xkv1m-boE>
- D0407 Ansible Automation course content <https://youtu.be/-b1ByalW4X8>

Red Hat Enterprise Linux 8 - RHEL 8

- New features in RHEL 8 <https://youtu.be/6v11vkTkgTY>
- RHCSA EX200 Complete Course single Video https://youtu.be/4P23_rhyTgc
- RHCE (Red Hat Certified Engineer) EX294 Exam Course Content <https://youtu.be/8rgGNIKfyfi>
- VNC Server Installation and Configuration <https://youtu.be/Exp0TiiTJzY>
- WordPress Installation and Configuration Centos 8 <https://youtu.be/TdejXPgNYBw>
- Tomcat 9 Multiple Instances in Single Linux Server https://youtu.be/QSI_qJfb9QY
- Tomcat 9 Port Number change Centos 8 https://youtu.be/ig_rhUbk7gg
- Tomcat 9 Installations Centos 8 <https://youtu.be/rG4WhEZ6I8Y>

- Red Hat Enterprise Linux 8 (RHEL 8) SNMP Explained <https://youtu.be/FEEv7bXMgwQ>
- PHPMyAdmin to Manage MySQL/MariaDB Databases <https://youtu.be/db4HgkXwckE>
- How to Resize Linux partitions in RHEL 8/Centos 8 https://youtu.be/U6l_QFhwRsw
- How to Create New Linux standard partitions RHEL 8/Centos 8 <https://youtu.be/Ao-Estw5kKQ>
- Nginx Web Server Installation and Configuration Centos 8 <https://youtu.be/9n5QAqVVEmQ>
- NIS Server Installation and Configuration in Centos 8 <https://youtu.be/hQZF7RXWmVA>
- YUM Repository Configuration in RHEL 8 <https://youtu.be/LP6t9KmTbng>
- VDO - Virtual Disk Optimizer Explained RHEL 8 <https://youtu.be/2hzWhZgke5Q>
- Stratis File System Container, Object Storage RHEL 8 <https://youtu.be/0qOmDKqGtbc>
- Cockpit Web Console Explained <https://youtu.be/znmvsCok8Jw>
- Upgrade to RHEL 8 <https://youtu.be/GuGke6FyxA0>
- RHEL 8 New Features Explained https://youtu.be/3OWAS_ZKCgQ
- Webmin Installation and Configuration RHEL 8/Centos 8 <https://youtu.be/q24P7ajx7Do>
- RHEL 8 Boot Process <https://youtu.be/n-UDIZWlISA>

General Topics

- How to Gain Real time experience <https://youtu.be/Y1GlvSsBrWk>
- New Dell Server RAID Configuration Demo https://youtu.be/6_pGCZRk8KU
- Explained Backup and Types of Backup <https://youtu.be/YiPFa5aJTFM>
- TP-Link Wireless router Installation & configuration <https://youtu.be/HZLGeFBXGlg>
- 8 Ways to Boost your Linux Administrator Work Tips <https://youtu.be/wbZMeqSBBp0>
- Types of Proxy Servers Explained <https://youtu.be/zRNPYjkKlk8>
- Transparent Proxy Explained in Detailed <https://youtu.be/4aEaKomTJL8>

Linux Server patching Tutorial

- How to patch Linux servers <https://youtu.be/nKlbF7aSq7Y>
- What is patching <https://youtu.be/8QzOmAlUCMs>

Tomcat 9 Tutorial

- Tomcat 9 Multiple Instances in Single Linux Server https://youtu.be/OSl_qJfb9QY
- Tomcat 9 Port Number change Centos 8 https://youtu.be/ig_rhUbk7gg
- Tomcat 9 Installation Centos 8 Step by step Guide <https://youtu.be/rG4WhEZ6l8Y>

High Availability / Server Cluster

- Cluster/HA/High Availability Explained https://youtu.be/N_mWJuc--AU

AWK Programming

- Introduction to AWK Programming with few examples <https://youtu.be/w37HdusJqeY>

Amazon Web Services

- AWS SSH Server refused our key Solution https://youtu.be/EBLuNEWWt_g
- Mount S3 bucket in Linux <https://youtu.be/pvoKmH2GsQQ>
- AWS Snowball <https://youtu.be/DgbThQDeSLs>
- How to Setup AWS Free Tier Account <https://youtu.be/QUss8XVa8cc>
- How to Launch your first EC2 Instance in AWS https://youtu.be/2_GXHygzWSQ

RAID Concepts

- What is RAID Explained <https://youtu.be/9iKFxEXoCP4>
- Software RAID vs Hardware RAID <https://youtu.be/AoUbEDwcTps>
- RAID Level 5 Explained <https://youtu.be/Cs4i63glvyU>

Windows Server

- Convert MBR partitions to GPT without data loss <https://youtu.be/pEdXfJ1rCB0>

Hadoop Tutorial

- Installing and configuring Cloudera Hadoop <https://youtu.be/wnNreBH-xZI>
- big Data Environment setup https://youtu.be/n56kx_Uuff4
- Big Data Lab Setup https://youtu.be/Rg3_orGI2cU