

CheatSheet: Linux Security

LINUX

- PDF Link: [cheatsheet-linux-security-A4.pdf](#), Category: linux
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-linux-security-A4>
- Related posts: CheatSheet: Linux Process, CheatSheet: Linux Networking, #denny-cheatsheets

File me Issues or star this repo.

1.1 Security Concepts

| Name | Comment |
|--------------------------------|---|
| RABC | |
| Public key infrastructure(PKI) | |
| User impersonation | A user can act as another user through impersonation headers. |
| Principal User Identities | |
| Reference | CheatSheet: linux-capabilities, CheatSheet: Kubernetes Security |

1.2 Token

| Name | Comment |
|-----------------------|--|
| token | e.g, link: kubeadm token |
| Static token | |
| Service Account Token | |
| OpenID Connect Token | |
| Bear token | In k8s, every service account has a secret with valid Bearer Token |
| Refresh token | |

1.3 Identity Provider Management

| Name | Comment |
|------------------------|--|
| htpasswd | HTTP basic auth |
| Keystone | |
| LDAP | |
| Client certificates | |
| Request header | |
| OpenID connect(OIDC) | |
| Authenticating proxy | |
| Authentication webhook | Webhook authentication is a hook for verifying bearer tokens |
| Oauth | |
| OpenID | |

- Multiple authenticator: Usually the first module to successfully authenticate the request short-circuits evaluation.

1.4 Chmod

| Name | Comment |
|------------------------------|------------------------------|
| Add execute for shell script | <code>chmod a+x my.sh</code> |

1.5 Chown

| Name | Comment |
|------|---------|
|------|---------|

1.6 Products

| Name | Comment |
|------------|---|
| AppDefense | A data center endpoint security product. Protect applications running in virtualized envs. YouTube link |

1.7 AppArmor

| Name | Comment |
|------|---------|
|------|---------|

1.8 More Resources

<https://stackoverflow.com/questions/46664104/how-to-sign-in-kubernetes-dashboard>

https://docs.openshift.com/container-platform/3.11/install_config/configuring_authentication.html#install-config-configuring-authentication

License: Code is licendiff under MIT License.