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***IT381 Zaštita i bezbednost informacija***

***Domaći zadatak br. 3***

***Ime i prezime: Jovan Pavkovic***

***Broj indeksa: 4******442***

**Tekst Zadataka**

Napravite Vašu situaciju sa korisnicima, grupama i dozvolama za pristup datotekama sličnu današnjoj vežbi (mora biti sasvim drugačija). Zadatak mora imati dva slučaja. Osnovni slučaj i nakon promena ACL. Pre praktične provere, dati procenu konačne situacije, a onda izvrštiti praktičnu proveru.

**Zadatak**

Za prikaz ovog domaćeg zadatka korišćen je O.S. Manjaro Linux.

Kreiranje korisnika i prikaz informacija za kreirane korisnike:

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Prikaz enkriptovanih lozniki za kreirane korisnike

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Description automatically generatedPodešavanje lozinki za kreirane korisnike:

Prikaz enkriptovanih šifri za kreirane korisnike unutar etc > shadow

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Description automatically generatedKreiranje grupa i prikaz grupa

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Description automatically generatedDodavanje korisnika odredjenim grupama kao i prikaz grupa sa njihovim korisnicima:

Kreiranje fajlova

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Prikaz privilegija za novokreirane fajlove:

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Dodeljivanje grupa fajlovima:

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Podešavanje privilegija za svaki od fajlova, kao i prikaz nove definicije privilegija.

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Testiranje privilegija

Screens screenshot of a computer screen

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A computer screen shot of a program code

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*Osnovni slučaj:*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Kor1** | **Kor2** | **Kor3** |
|  |  |  |  |
| **group1** | *Da* | *Da* | *Da* |
|  |  |  |  |
| **group2** | *Da* | *Da* | *Da* |
|  |  |  |  |
| **group3** | *Da* | *Da* | *Da* |
|  |  |  |  |

Primena ACL (Access Control Language)

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Screens screenshot of a computer

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Testiranje ACL

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|  |  |  |  |
| --- | --- | --- | --- |
|  | **Usr1, Usr2** | **Usr2** | **Usr3** |
|  |  |  |  |
| **group1** | *Ne, Da* | *Da* | *Da* |
|  |  |  |  |
| **group2** | *Da, Da* | *Da* | *Da* |
|  |  |  |  |
| **group3** | *Ne, Da* | *Da* | *Da* |

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Modifikovan slučaj primenom ACL:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Usr1** | **Usr2** | **Usr3** |
|  |  |  |  |
| **group1** | Da | Da | Da |
|  |  |  |  |
| **group2** | Ne | Da | Da |
|  |  |  |  |
| **group3** | Da | Da | Ne |
|  |  |  |  |