## ÚDPB

Nastavenie virtuálneho prostredia zahŕňa importovanie VDMK (.ova) súboru ako nového virtuálneho stroja pomocou Virtualboxu.

Pre úspešné importovanie virtuálneho stroja potrebujete uskutočniť nasledujúce kroky:

- 1. Vytvoriť novú virtulku pomocou tlačidla File/Import Appliance Možete nechať default nastavenia, po potvrdeni nastavenia sa vytvori nova virtualka.
- 2. V novej virtualke nastavíme veľkosť operačnej pamäte. Pre bežné fungovanie tejto virtualky by malo postačovať 1024 MB.







Virtulány interface, ktorý je potrebný pre komunikáciu Vášho stroja a virtualky musí byť nastavený nasledovne:



- 5. Ak by ste v nastaveniach nemali vboxnet0 adapter je potrebne si ho vytvoriť pomocou File/Preferences  $\rightarrow$  Network  $\rightarrow$  Zalozka (Host only networks  $\rightarrow$  +)
- 6. Virtualka je teraz pripravená na prvé spustenie pomocou tlačidla Start.

Po naštartovaní sa zobrazí nasledujúca obrazovka, kde zadáte prihlasovacie údaje: Meno: student

Heslo: student



- 6. Následne zadáte príkazv cmd vašho počitača (nie vo virtualke) ping 192.168.56.102 a v prípade, že ste postupovali správne dostanete odpoved, ktorá hovorí o tom, že náš virtuálny interface dostal IP a je na nej dostupné zadanie. (<u>http://192.168.56.102/udpb/www-vulnerable</u>)
- 7. Ak nedostanete odpoved, skuste este adresu 192.168.56.101 alebo 192.168.56.103 (niekedy sa moze stat, ze sa pridelia tieto IP adresy) ak dostanete odpoved pouzite pre http totu adresu. Na danom http link-u mate dostupnu web aplikaciu do ktorej sa mozete prihlasit s hore uvedenymi prihlasovacimi udajmi (student:student) a najdete tam popis zranitelnosti ktore mate ošetriť.
- 8. Pri riešeni zranitelnosti pre potreby konfiguracie OS root heslo je toor123 a root heslo pre mysql databazu je toor.

6. OPTIONAL. Ak máte problém s tým, že virtualka nedostala IP adresu, je nutné skontrolovať nastavenia Virtualboxu, ktoré by mali vyzerať nasledovne:

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