

apparmor profile

Issue

No network connectivity from container. Journal shows:

```
audit: type=1400 audit(1634036792.582:254): apparmor="DENIED"
operation="create" profile="docker-default" pid=32133 comm="ping"
family="inet" sock_type="dgram" protocol=17 requested_mask="create"
denied_mask="create"
```

Reason: default docker-default app armor profile is applied. File doesn't exist in /etc/apparmor.d/ so it cannot be disabled. To work around this issue, needs to create file:

[/etc/apparmor.d/docker-default](#)

```
#include <tunables/global>

profile docker-default flags=(attach_disconnected, mediate_deleted)
{
    #include <abstractions/base>

    ptrace peer=@{profile_name},

    network,
    capability,
    file,
    umount,

    deny @{PROC}/* w, # deny write for all files directly in /proc
(not in a subdir)
    # deny write to files not in /proc/<number>/** or /proc/sys/**
    deny
@{PROC}/{[^\1-9],[^\1-9][^\0-9],[^\1-9s][^\0-9y][^\0-9s],[^\1-9][^\0-9][^\0-9][^\0-9]*}/** w,
    deny @{PROC}/sys/[^k]** w, # deny /proc/sys except /proc/sys/k*
(effectively /proc/sys/kernel)
    deny @{PROC}/sys/kernel/{?,??,[^s][^h][^m]**} w, # deny
everything except shm* in /proc/sys/kernel/
    deny @{PROC}/sysrq-trigger rwklx,
    deny @{PROC}/kcore rwklx,
    deny @{PROC}/mem rwklx,
    deny @{PROC}/kmem rwklx,

    deny mount,

    deny /sys/[^f]*/** wklx,
```

```
deny /sys/f[^s]*/** wklx,  
deny /sys/fs/[^c]*/** wklx,  
deny /sys/fs/c[^g]*/** wklx,  
deny /sys/fs/cg[^r]*/** wklx,  
deny /sys/firmware/** rwklx,  
deny /sys/kernel/security/** rwklx,  
}
```

and then switch profile to complain mode or disable it (aa-disable docker-default)

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