

Torque

Why does TORQUE leave many defunct moms behind?

Issue: Over time pbs_moms build up on compute nodes or Cray login nodes.

Symptom:

On the compute nodes or Cray login nodes you see many pbs_mom processes in a defunct state.

```
mom60 "ps -elf | grep pbs | grep defunct | wc -l"
```

```
mom9: 10
```

```
mom30: 1
```

```
mom4: 3
```

```
mom34: 8
```

```
mom63: 1
```

```
mom32: 11
```

```
mom31: 6
```

```
mom43: 18
```

```
mom29: 21
```

```
mom47: 9
```

```
mom61: 17
```

```
mom44: 4
```

```
mom33: 10
```

```
mom53: 2
```

```
mom36: 2
```

```
mom28: 2186
```

```
mom23: 2264
```

```
mom26: 2189
```

```
mom40: 2361
```

```
mom41: 2352
```

```
mom58: 5946
```

```
mom5: 8247
```

```
mom60: 7217
```

```
mom1: 8290
```

```
mom6: 8250
```

Solution:

Upgrade to 4.2.4 or later.

Torque

Jira:

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