

BEI Mobile App Monthly Maintenance

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The BEI Mobile application servers run on Ubuntu 20.04.3 LTS hosted on AWS EC2 instances. Once a month the following tasks will be performed to the three BEI instances. These instances include:

Name	Description	Instance ID	Public IP address
beiapp-staging-ec1	Staging server	i-0afed8a389548cc63	3.21.92.194
beiapp-prod-ecv1	Prod server 1	i-03b308fc318ec204c	52.14.3.193
beiapp-prod-ecv2	Prod server 2	i-0179464648da173a3	3.138.143.38

Data, Software, Security and System checks

- ✓ ~~Run [AWS Inspector](#) assessment~~
 - ~~remediate any high or critical findings~~
- ✓ ~~Check RDS backups/snapshots are working~~
- ✓ ~~Check and update OS~~
 - ✓ ~~Run `apt-get full upgrade`~~
 - ✓ ~~If the kernel is updated, reboot the server~~
- ✓ ~~Check and update applications~~
- ✓ ~~Check server usage~~
 - ✓ ~~Disk~~
 - ~~If too high, get rid of any old or outdated software.~~
 - ✓ ~~CPU~~
 - ~~If too high, troubleshoot CPU utilization~~
 - ✓ ~~RAM~~
 - ~~If too high, troubleshoot RAM utilization~~
 - ✓ ~~Network~~
 - ~~If too high, troubleshoot network utilization~~
- ✓ ~~Review user accounts~~
- ✓ ~~Free up server storage space~~