

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 - If too high, get rid of any old or outdated software.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