

DRAM region metadata

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| Lock |
| Owner (enclave ID OS BLOCKED FREE) |
| Owner value when region blocked |
| Block clock value when region blocked |
| Number of thread state pages in this region |

mroot header

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| Attestation key set? |
| Encrypted private attestation key |

Security Monitor data

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| System info |
| Block clock |
| DRAM region 1 metadata |
| DRAM region 2 metadata |
| ⋮ |
| Core 1 metadata |
| Core 2 metadata |
| ⋮ |
| mroot header |

System info

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| DRAM size |
| DRAM region mask |
| DRAM region shift |
| Cache address shift |
| CPU core metadata |
| Block clock value at last TLB flush |
| Running enclave ID |
| Running enclave thread ID |
| Running enclave thread state area |