

SystemParameters

Details of the system that are decided during genesis.

```
type SystemParameters {  
  durationMs: BigInt  
  stakeSubsidyStartEpoch: UInt53  
  minValidatorCount: Int  
  maxValidatorCount: Int  
  minValidatorJoiningStake: BigInt  
  validatorLowStakeThreshold: BigInt  
  validatorVeryLowStakeThreshold: BigInt  
  validatorLowStakeGracePeriod: BigInt  
}
```

Fields

`SystemParameters.durationMs` • `BigInt` **scalar**

Target duration of an epoch, in milliseconds.

`SystemParameters.stakeSubsidyStartEpoch` • `UInt53` **scalar**

The epoch at which stake subsidies start being paid out.

`SystemParameters.minValidatorCount` • `Int` **scalar**

The minimum number of active validators that the system supports.

`SystemParameters.maxValidatorCount` • `Int` **scalar**

The maximum number of active validators that the system supports.

`SystemParameters.minValidatorJoiningStake` • `BigInt`
scalar

Minimum stake needed to become a new validator.

`SystemParameters.validatorLowStakeThreshold` • `BigInt`
scalar

Validators with stake below this threshold will enter the grace period (see `validatorLowStakeGracePeriod`), after which they are removed from the active validator set.

`SystemParameters.validatorVeryLowStakeThreshold` • `BigInt`
scalar

Validators with stake below this threshold will be removed from the active validator set at the next epoch boundary, without a grace period.

`SystemParameters.validatorLowStakeGracePeriod` • `BigInt`
scalar

The number of epochs that a validator has to recover from having less than `validatorLowStakeThreshold` stake.

Member Of

`Epoch` **object**

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