

# Supported Blockchain Networks

Chainlink Automation is available on the following networks. All networks operate on v2.0 unless specified otherwise:

- [Ethereum](#) :\* Mainnet
- Sepolia testnet
- [BNB Chain](#) :\* Mainnet
- Testnet
- [Polygon \(Matic\)](#) :\* Mainnet
- Mumbai testnet
- [Avalanche](#) :\* Mainnet
- Fuji testnet
- [Fantom](#) :\* Mainnet (Automation v1.2)
- Testnet (Automation v1.2)
- [Arbitrum](#) \* Mainnet
- Sepolia testnet
- [Optimism](#) \* Mainnet
- Sepolia testnet
- [BASE](#) \* Mainnet

To use Chainlink Automation on certain networks, you may need to conduct token transfers. You can transfer tokens by using [Chainlink CCIP](#) or third-party applications such as [XSwap](#).

## Interfaces and Applications

Chainlink CCIP is a messaging protocol. Third parties may build user interfaces or other applications on top of CCIP. Neither Chainlink Labs nor the Chainlink Foundation owns, controls, endorses, or assumes any responsibility for any such interfaces or applications. You are solely responsible for your use of such interfaces or applications. Please visit the Chainlink Foundation [Terms of Service](#) for more information.

## Understand Risks associated with Bridges

If you are using a cross-chain bridge to transfer your LINK tokens, read the [Bridges and Associated Risks](#) guide to understand what cross-chain bridges are and the risks associated with using them.

## Parameters

- Payment Premium %(paymentPremiumPPB): This percentage premium compensates the Chainlink Automation Network for monitoring and performing your upkeep. Every time a transaction is submitted for your upkeep, your LINK balance is reduced by the transaction cost plus this percentage premium.
- Flat Fee Micro Link(flatFeeMicroLink): A flat fee charged per transaction on all testnets and Optimism Mainnet.
- Maximum Check Data Size(maxCheckDataSize): The maximum size, in bytes, that can be sent to yourcheckUpkeepfunction.
- Check Gas Limit(checkGasLimit): The maximum amount of gas that can be used by yourcheckUpkeepfunction for offchain computation.
- Perform Gas Limit(performGasLimit): The maximum amount of gas that can be used by the client contract'sperformUpkeepfunction for the onchain transaction. You can set an upper limit on your upkeep during registration, but this number must not exceed themaxPerformGas on theRegistry.
- maximum Perform Data Size(maxPerformDataSize): The maximum size in bytes that can be sent to yourperformUpkeepfunction.
- Gas Ceiling Multiplier(gasCeilingMultiplier): Establishes a ceiling for the maximum price based on the onchain fast gas feed.
- Minimum Upkeep Spend (LINK): The minimum amount of LINK an upkeep must spend over its lifetime. If the lifetime (or total) upkeep spend is below this amount, then at cancellation this amount will be held back.

## Configurations

### Ethereum

#### Ethereum mainnet

ItemValueRegistry Address[0x6593c7De001fC8542bB1703532EE1E5aA0D458fD](#)Registrar Address[0x6B0B234fB2f380309D47A7E9391E29E9a179395a](#)Payment Premium %20Block Count per TurnNot ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data Size2,000Gas Ceiling Multiplier2Minimum Upkeep Spend (LINK)0.1##### [Sepolia testnet](#)

ItemValueRegistry Address[0x86EFBD0b6736Bed994962f9797049422A3A8E8Ad](#)Registrar

Address [0xb0E49c5D0d05cbc241d68c05BC5BA1d1B7B72976](#) Payment Premium %20Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size2,000Gas Ceiling Multiplier3Minimum Upkeep Spend (LINK)0.0

## **BNB Chain**

### **BNB Chain mainnet**

ItemValueRegistry Address [0xDc21E279934fF6721CaDfDD112DAfb3261f09A2C](#)Registrar  
Address [0xf671F60bCC964B309D22424886FF202807381B32](#) Payment Premium %30Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size5,000Gas Ceiling Multiplier3Minimum Upkeep Spend (LINK)0.1#### [BNB Chain testnet](#)

ItemValueRegistry Address [0x96bb60aAAec09A0FceB4527b81bbF3Cc0c171393](#)Registrar  
Address [0x0631ea498c2Cd8371B020b9eC03f5F779174562B](#) Payment Premium %30Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
SizeGas Ceiling Multiplier3Minimum Upkeep Spend (LINK)0.0

## **Polygon (Matic)**

### **Polygon mainnet**

ItemValueRegistry Address [0x08a8eea76D2395807Ce7D1FC942382515469cCA1](#)Registrar  
Address [0x0Bc5EDC7219D272d9dEDd919CE2b4726129AC02B](#) Payment Premium %70Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size5,000Gas Ceiling Multiplier3Minimum Upkeep Spend (LINK)0.1#### [Mumbai testnet](#)

ItemValueRegistry Address [0xf97C091179A4A4d666da7a2764dDeD4F932FC14A](#)Registrar  
Address [0xb58E509b59538256854b2a223289160F83B23F92](#) Payment Premium %70Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size5,000Gas Ceiling Multiplier3Minimum Upkeep Spend (LINK)0.0

## **Avalanche mainnet**

### **Avalanche mainnet**

ItemValueRegistry Address [0x7f00a3Cd4590009C349192510D51F8e6312E08CB](#)Registrar  
Address [0x5Cb7B29e621810Ce9a04Bee137F8427935795d00](#) Payment Premium %40Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size5,000Gas Ceiling Multiplier2Minimum Upkeep Spend (LINK)0.1#### [Fuji testnet](#)

ItemValueRegistry Address [0x819B58A646CDd8289275A87653a2aA4902b14fe6](#)Registrar  
Address [0xD23D3D1b81711D75E1012211f1b65Cc7dBB474e2](#) Payment Premium %40Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size5,000Gas Ceiling Multiplier2Minimum Upkeep Spend (LINK)0.0

## **Fantom**

### **Fantom mainnet**

ItemValueRegistry Address [0x02777053d6764996e594c3E88AF1D58D5363a2e6](#)Registrar  
Address [0xD8e8e2ccb5C033938736aa89Fe4fa1eDfD15a1d](#) Payment Premium %50Block Count per Turn50Maximum  
Check Data SizeNot ApplicableCheck Gas Limit6,500,000Perform Gas Limit3,500,000Maximum Perform Data SizeNot  
ApplicableGas Ceiling Multiplier4Minimum Upkeep Spend (LINK)0.1#### [Fantom testnet](#)

ItemValueRegistry Address [0x8Ef7AC62dc3a4FF4dcc0441ed098106f8F313220](#)Registrar  
Address [0x57A4a13b35d25EE78e084168aBaC5ad360252467](#) Payment Premium %50Block Count per Turn200Maximum  
Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit3,500,000Maximum Perform Data Size5,000Gas Ceiling  
Multiplier2Minimum Upkeep Spend (LINK)0.0

## **Arbitrum**

### **Arbitrum mainnet**

ItemValueRegistry Address [0x37D9dC70bfcd8BC77Ec2858836B923c560E891D1](#)Registrar  
Address [0x86EFBD0b6736Bed994962f9797049422A3A8E8Ad](#) Payment Premium %50Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data

Size2,000Gas Ceiling Multiplier5Minimum Upkeep Spend (LINK)0.1#### [Arbitrum Sepolia testnet](#)

ItemValueRegistry Address[0x8194399B3f11fcA2E8cCEfc4c9A658c61B8Bf412](#)Registrar  
Address[0x881918E24290084409DaA91979A30e6f0dB52eBe](#)Payment Premium %50Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit10,000,000Perform Gas Limit5,000,000Maximum Perform Data  
Size2,000Gas Ceiling Multiplier5Minimum Upkeep Spend (LINK)0.1

## Optimism

### Optimism mainnet

ItemValueRegistry Address[0x696fB0d7D069cc0bb35a7c36115CE63E55cb9AA6](#)Registrar  
Address[0xe601C5837307f07aB39DEB0f5516602f045BF14f](#)Payment Premium %50Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit6,500,000Perform Gas Limit5,000,000Maximum Perform Data  
Size1,000Gas Ceiling Multiplier5Minimum Upkeep Spend (LINK)0.1#### [Optimism Sepolia testnet](#)

ItemValueRegistry Address[0x881918E24290084409DaA91979A30e6f0dB52eBe](#)Registrar  
Address[0x110Bd89F0B62EA1598FfeBF8C0304c9e58510Ee5](#)Payment Premium %50Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit10,000,000Perform Gas Limit5,000,000Maximum Perform Data  
Size2,000Gas Ceiling Multiplier5Minimum Upkeep Spend (LINK)0.1

## Base

### Base mainnet

ItemValueRegistry Address[0xE226D5aCae908252CcA3F6CEFa577527650a9e1e](#)Registrar  
Address[0xD8983a340A96b9C2Bb6855E46847aE134Db71fB1](#)Payment Premium %50Block Count per TurnNot  
ApplicableMaximum Check Data Size5,000Check Gas Limit10,000,000Perform Gas Limit5,000,000Maximum Perform Data  
Size2,000Gas Ceiling Multiplier5Minimum Upkeep Spend (LINK)0.1