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**Lesson 5 Demo 2**

**Exploring an Ethereum Test Network**

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| **Objective:** To observe the data stored in the Ropsten test net and analyze its characteristics  **Tools required:** Ubuntu and web browser  **Prerequisites:** None |

Steps to be followed:

1. Visiting Etherscan’s Ropsten web URL
2. Viewing and analyzing the latest block
3. Viewing and analyzing the data in a transaction

**Step 1: Visiting the Ropsten network using Etherscan**

1. Open the web browser and navigate to <https://ropsten.etherscan.io/>

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**Step 2: Viewing and analyzing the latest block**

1. Scroll down to find the **Latest Blocks** section

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1. Click on the first entry in the list

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1. View the data in the test block and the data present in the header and body

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**Step 3: Viewing and analyzing the latest transaction**

1. Go back to the homepage at <https://ropsten.etherscan.io/> and scroll down to the **Latest Transactions** section

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1. Select the first transaction to analyze its contents

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1. The details of the transaction are revealed along with the transaction hash, transaction fee, Ether transacted, and so on.

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| **Note:** The transaction value will always remain 0 ETH since this is a test network, and the currency does not have an actual value. |

1. Click on the **State** button in Transaction to view the current state of the transaction

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1. The **State** tab displays the updated account details of the transacting parties, their updated balance, and the amount transferred

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