

EMC CORP  
Form 11-K  
June 26, 2003  
Table of Contents

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**SECURITIES AND EXCHANGE COMMISSION**

WASHINGTON, D.C. 20549

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**FORM 11-K**

ANNUAL REPORT

PURSUANT TO SECTION 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

x ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF  
1934

For the fiscal year ended December 31, 2002

.. TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT  
OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 1-9853

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**EMC Corporation 401(k) Savings Plan**

(Full title of the Plan)

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# **EMC Corporation**

(Name of issuer of the securities held pursuant to the Plan)

**176 South Street, Hopkinton, Massachusetts 01748**

(address of principal executive office)

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**Table of Contents**

**EMC Corporation 401(k) Savings Plan**

**Financial Statements and Supplemental Schedule**

**December 31, 2002 and 2001**

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**EMC Corporation 401(k) Savings Plan**

**Index to Financial Statements and Supplemental Schedule**

|   | <b>Page</b> |
|---|-------------|
| <u>Report of Independent Auditors</u>   | 1           |
| <u>Statements of Assets Available for Plan Benefits at December 31, 2002 and 2001</u>                             | 2           |
| <u>Statements of Changes in Assets Available for Plan Benefits for the Years Ended December 31, 2002 and 2001</u> | 3           |
| <u>Notes to Financial Statements</u>  | 4-6         |
| Supplemental Schedule*:   |             |
| <u>Schedule of Assets (Held at End of Year) as of December 31, 2002</u>   | 7           |

\* Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because such schedules are not applicable.

**Table of Contents**

**Report of Independent Auditors**

To the Participants and Plan Administrator of the

EMC Corporation 401(k) Savings Plan

In our opinion, the accompanying statements of assets available for plan benefits and the related statements of changes in assets available for plan benefits present fairly, in all material respects, the assets available for plan benefits of the EMC Corporation 401(k) Savings Plan (the Plan) at December 31, 2002 and 2001, and the changes in assets available for plan benefits for the years then ended in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of assets (held at end of year) is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. This supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

PricewaterhouseCoopers LLP

Boston, Massachusetts

June 23, 2003

**Table of Contents****EMC CORPORATION 401(K) SAVINGS PLAN****STATEMENTS OF ASSETS AVAILABLE FOR PLAN BENEFITS****DECEMBER 31, 2002 AND 2001**

|  | <u>2002</u>           | <u>2001</u>           |
|--|-----------------------|-----------------------|
| <b>Assets</b>                          |                       |                       |
| Investments at fair value:             |                       |                       |
| Common collective trust:               |                       |                       |
| Fidelity Managed Income Portfolio Fund | \$ 65,216,795*        | \$ 59,533,906*        |
| Mutual funds:                          |                       |                       |
| Fidelity Equity Income Fund            | 45,059,648*           | 55,590,593*           |
| Fidelity Independence Fund             | 37,000,764*           | 43,050,606*           |
| Fidelity Magellan Fund                 | 109,619,515*          | 145,081,973*          |
| Fidelity Puritan Fund                  | 41,184,653*           | 45,218,872*           |
| Other mutual funds                     | 257,716,594           | 253,068,633           |
| Total mutual funds                     | <u>490,581,174</u>    | <u>542,010,677</u>    |
| EMC Corporation Stock Fund:            |                       |                       |
| EMC Corporation common stock           | 13,046,143            | 13,015,793            |
| Cash                                   | 116,216               | 131,118               |
| Total EMC Corporation Stock Fund       | <u>13,162,359</u>     | <u>13,146,911</u>     |
| Loans to participants                  | <u>14,232,305</u>     | <u>14,481,579</u>     |
| Total investments                      | <u>583,192,633</u>    | <u>629,173,073</u>    |
| Receivables:                           |                       |                       |
| Employer contributions                 | 6,646,907             | 6,973,975             |
| Investment income receivable           | 188                   | 322                   |
| Total receivables                      | <u>6,647,095</u>      | <u>6,974,297</u>      |
| Assets available for benefits          | <u>\$ 589,839,728</u> | <u>\$ 636,147,370</u> |

\* Represents 5% or more of assets available for benefits.

The accompanying notes are an integral part of these financial statements.

**Table of Contents****EMC CORPORATION 401(K) SAVINGS PLAN****STATEMENTS OF CHANGES IN ASSETS AVAILABLE FOR PLAN BENEFITS****YEARS ENDED DECEMBER 31, 2002 AND 2001**

|  | <u>2002</u>           | <u>2001</u>           |
|--|-----------------------|-----------------------|
| Additions:                                       |                       |                       |
| Dividends and interest:                          |                       |                       |
| Mutual funds and common collective trust         | \$ 12,384,907         | \$ 17,861,312         |
| EMC Corporation Common Stock Fund                | 121,725               | 165,774               |
|  | <u>12,506,632</u>     | <u>18,027,086</u>     |
| Total dividends and interest                     | 12,506,632            | 18,027,086            |
| Contributions:                                   |                       |                       |
| Employer contributions                           | 26,479,552            | 28,650,521            |
| Participant contributions                        | 79,143,061            | 90,033,953            |
| Participant rollovers from other qualified plans | 4,805,802             | 13,361,629            |
|  | <u>110,428,415</u>    | <u>132,046,103</u>    |
| Total additions                                  | 122,935,047           | 150,073,189           |
| Deductions:                                      |                       |                       |
| Net depreciation of investments:                 |                       |                       |
| Mutual funds and common collective trust         | 109,583,561           | 80,676,760            |
| EMC Corporation Common Stock Fund                | 9,497,568             | 26,894,844            |
|  | <u>119,081,129</u>    | <u>107,571,604</u>    |
| Benefits paid to participants                    | 50,153,197            | 37,780,353            |
| Administrative fees                              | 8,363                 | 11,403                |
|  | <u>169,242,689</u>    | <u>145,363,360</u>    |
| Total deductions                                 | 169,242,689           | 145,363,360           |
| Net increase (decrease)                          | (46,307,642)          | 4,709,829             |
| Assets available for benefits:                   |                       |                       |
| Beginning of year                                | 636,147,370           | 631,437,541           |
| End of year                                      | <u>\$ 589,839,728</u> | <u>\$ 636,147,370</u> |

The accompanying notes are an integral part of these financial statements.

**Table of Contents**

**EMC CORPORATION 401(k) SAVINGS PLAN**

**NOTES TO FINANCIAL STATEMENTS**

**1. Description of the Plan**

The following description of the EMC Corporation 401(k) Savings Plan (the Plan) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

**General**

The Plan is a contributory defined contribution plan established January 1, 1983 for the purpose of providing an opportunity for retirement income and increased savings to the employees of EMC Corporation (the Company). Plan assets acquired under this Plan as a result of contributions, investment income, and other additions to the Plan are administered for the exclusive benefit of the participants and their beneficiaries. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

**Contributions**

During 2002 and 2001, participants could elect to contribute an amount not to exceed, in the aggregate, between 1% and 25% and 1% and 19%, respectively, of their compensation on a pretax basis while participating in the Plan. Participants may also contribute amounts representing distributions from other qualified plans. In any Plan year, the Company may contribute to participants' accounts a quarterly matching contribution equal to a percentage of the participant's compensation contributed to the Plan as determined by the Company's Board of Directors up to a maximum quarterly matching contribution of \$750. In addition, discretionary Company profit sharing contributions based on different discretionary goals established for separate business units within the Company may be made as determined by the Company's Board of Directors. To be eligible for an allocation of Company quarterly matching contributions, a participant must be employed by the Company on the last business day of the calendar quarter. To be eligible for an allocation of discretionary Company profit sharing contributions, a participant must have completed at least 1,000 hours of service during the Plan year and be employed by the Company on the last day of the Plan year. Contributions are subject to certain limitations under the Internal Revenue Code of 1986, as amended (the Code). During 2002 and 2001, the Company did not make any discretionary profit sharing contributions. Effective May 1, 2002, participants age 50 or over or who attained age 50 by 2002, are eligible to contribute to the Plan, in addition to the Internal Revenue Service (IRS) maximum contribution, up to \$1,000 in 2002, \$2,000 in 2003, \$3,000 in 2004, \$4,000 in 2005 and \$5,000 in 2006.

**Participant Accounts**

Each participant's account is credited with the participant's contribution, the Company's discretionary matching contribution and an allocation of the profit sharing contributions and Plan earnings and debited with applicable expenses. Allocations are based on a participant's earnings or account balances. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.





**Table of Contents****EMC CORPORATION 401(k) SAVINGS PLAN****NOTES TO FINANCIAL STATEMENTS (Continued)****Vesting and Forfeiture**

Participants are immediately vested 100% in their voluntary contributions, rollover contributions, Company discretionary matching contributions plus the investment earnings arising from these contributions. Company discretionary profit sharing contributions are subject to a vesting schedule based on the number of years of continuous service as follows:

| <u>Years of Service</u> | <u>Vested Percentage</u> |
|-------------------------|--------------------------|
| Less than 1 year        | 0%                       |
| 1 year but less than 2  | 25%                      |
| 2 years but less than 3 | 50%                      |
| 3 years but less than 4 | 75%                      |
| 4 years or more         | 100%                     |

Participants' interest in their accounts shall become 100% vested and nonforfeitable without regard to their credited years of service if they are employed by the Company on or after age 65, incur a permanent and total disability or die while employed by the Company.

If a participant who is not fully vested terminates employment with the Company, the participant shall be entitled to the vested portion of his or her account. The nonvested portion is forfeited and will be applied to the payment of Plan expenses.

**Payment of Benefits**

Benefits are payable upon normal retirement age (65), death, separation from service or proven hardship. A participant who was a Plan member as of December 31, 1988 may elect to receive the value of the vested interest in his or her account in the form of an installment or in a lump-sum distribution. A Plan member after such date will receive the vested interest in his or her account in a lump-sum distribution. In any event, payment of benefits must commence not later than the April 1 following the calendar year during which the participant's employment terminates or the participant reaches age 70½, whichever is later. However, a 5% owner of the Company will be required to begin receiving minimum distributions from his or her account by the April 1 following attainment of age 70½ regardless of whether he or she has terminated employment at that time.

**Participant Notes Receivable**

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or one-half of the participant's vested account balance. Loan terms range from 1-5 years or up to 10 years for the purchase of a primary residence. The loans are

secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates as determined by the Company, as Plan administrator. Interest rates ranged from 8.00% - 10.5% for 2002 and 2001. Principal and interest are paid ratably through payroll deductions.

## **2. Summary of Significant Accounting Policies**

### **Basis of Accounting**

The financial statements of the Plan are prepared using the accrual method of accounting.

### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan administrator to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results may differ from those estimates.

**Table of Contents**

**EMC CORPORATION 401(k) SAVINGS PLAN**

**NOTES TO FINANCIAL STATEMENTS (Continued)**

**Investment Valuation and Income Recognition**

Investments are valued at fair value. Investments in shares of mutual funds and common collective trust fund are valued at their net value and unit value, respectively, which represents the value at which shares/units may be purchased or redeemed. The Company's common stock, par value \$.01 per share ( Common Stock ), is valued at the quoted market price on the last business day of the Plan year. Loans to participants are valued at cost plus accrued interest, which approximates fair value.

The Plan presents in the statements of changes in assets available for plan benefits net appreciation (depreciation) in the fair value of its investments which consists of realized gains or losses and unrealized appreciation (depreciation) on investments. The cost of investments is determined on the average cost basis in calculating realized gains or losses.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

**Expenses of the Plan**

Administrative expenses, including legal and participant accounting, and other costs of administering the Plan, and certain expenses directly relating to the investments are charged to and paid by the Company.

**Termination of the Plan**

Although it has not expressed any intent to do so, the Company has the right to terminate the Plan. The Plan administrator, upon termination, shall cause the assets of the Plan to be allocated as described in the Plan agreement. In the event of Plan termination, participants will become 100% vested in their accounts.

**Payment of Benefits**

Benefits are recorded when paid.

**3. Tax Status of the Plan**

The IRS has determined by a letter dated July 2, 2002 that the Plan and related trust are designed in accordance with applicable sections of the Code. Therefore, no provisions for income taxes are required.

**4. Related Party Transactions**

The Plan invests in Common Stock of the Company and transactions in this Common Stock are related party transactions. During the years ended December 31, 2002 and 2001, the Plan purchased shares of the Common Stock having values of \$11,781,393 and \$17,890,443 respectively, and sold shares of the Common Stock having values of \$2,269,841 and \$2,018,786, respectively.

Certain Plan investments are shares of mutual funds managed by FMR Corp. FMR Corp. is a related party to the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest. Fees paid by the Plan for the investment management and recordkeeping services amounted to \$8,363 and \$11,403 for the years ended December 31, 2002 and 2001, respectively. Loans to participants also qualify as party-in-interest transactions.

**Table of Contents**

**EMC CORPORATION 401(K) SAVINGS PLAN**  
**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**  
**(SCHEDULE H, PART IV, ITEM 4i, FORM 5500)**

**SUPPLEMENTAL SCHEDULE**

**DECEMBER 31, 2002**

| <u>Shares/Units</u>                | <u>Description</u>                      | <u>Current Value</u> |
|------------------------------------|---|----------------------|
| <b>Common Collective Trust</b>     |   |                      |
| 65,216,795                         | Fidelity Managed Income Portfolio Fund* | \$ 65,216,795        |
| <b>Mutual Funds</b>                |   |                      |
| Fidelity Investments Mutual Funds: |   |                      |
| 1,388,292                          | Magellan Fund*                          | 109,619,515          |
| 2,608,274                          | Puritan Fund*                           | 41,184,653           |
| 1,135,862                          | Equity Income Fund*                     | 45,059,648           |
| 26,679,303                         | Retirement Money Market Fund*           | 26,679,303           |
| 1,483,202                          | Equity Income II Fund*                  | 25,792,883           |
| 50,553                             | Conservative Strategy Fund*             | 642,021              |
| 160,842                            | Moderate Strategy Fund*                 | 1,936,138            |
| 284,353                            | Aggressive Strategy Fund*               | 2,946,121            |
| 2,830,969                          | Independence Fund*                      | 37,000,764           |
| 1,005,127                          | Low Price Stock Fund*                   | 25,299,040           |
| 78,242                             | Freedom Income Fund*                    | 829,363              |
| 84,255                             | Freedom 2000 Fund*                      | 927,649              |
| 231,641                            | Freedom 2010 Fund*                      | 2,649,978            |
| 658,561                            | Freedom 2020 Fund*                      | 7,007,091            |
| 903,392                            | Freedom 2030 Fund*                      | 9,250,737            |
| 49,359                             | Freedom 2040 Fund*                      | 289,242              |
| 104,430                            | Spartan Extended Market Index Fund*     | 2,008,195            |
| 636,183                            | Spartan U.S. Equity Index Fund*         | 19,817,094           |
| American Funds:                    |   |                      |
| 538,134                            | Europacific Growth Fund                 | 12,360,942           |
| 401,338                            | Washington Mutual Investors Fund        | 9,435,461            |
| T. Rowe Price Funds:               |   |                      |
| 378,544                            | Mid Cap Growth Fund                     | 11,750,014           |
| 376,334                            | Value Fund                              | 5,855,750            |
| 587,397                            | Brandywine Growth Fund                  | 10,737,616           |
| 550,873                            | Janus Worldwide Fund                    | 17,699,537           |
| 49,778                             | Domini Social Equity Fund               | 1,075,215            |
| 2,274,534                          | PIMCO Total Return Fund                 | 24,269,275           |
| 887,854                            | Franklin Small Cap Growth Fund          | 19,488,389           |
| 482,257                            | Templeton Foreign Fund                  | 4,007,555            |
| 1,240,629                          | Vanguard U.S. Growth Fund               | 14,961,985           |
| Total Mutual funds                 |   | 490,581,174          |
| 2,124,779                          | EMC Corporation common stock*           | 13,046,143           |
|                                    | Interest bearing cash                   | 116,084              |
|                                    | Non interest bearing cash               | 132                  |

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|                                  |                |
|----------------------------------|----------------|
| Total EMC Corporation Stock Fund | 13,162,359     |
| Loans to participants*           | 14,232,305     |
| Total                            | \$ 583,192,633 |

\* Party-in-interest.



**Table of Contents**

**EXHIBIT INDEX**

|              |   |
|--------------|---|
| Exhibit 23.1 | Consent of Independent Accountants  |
| Exhibit 99.1 | Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| Exhibit 99.2 | Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |